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PULLTARPS PARTS SCHEMATICS

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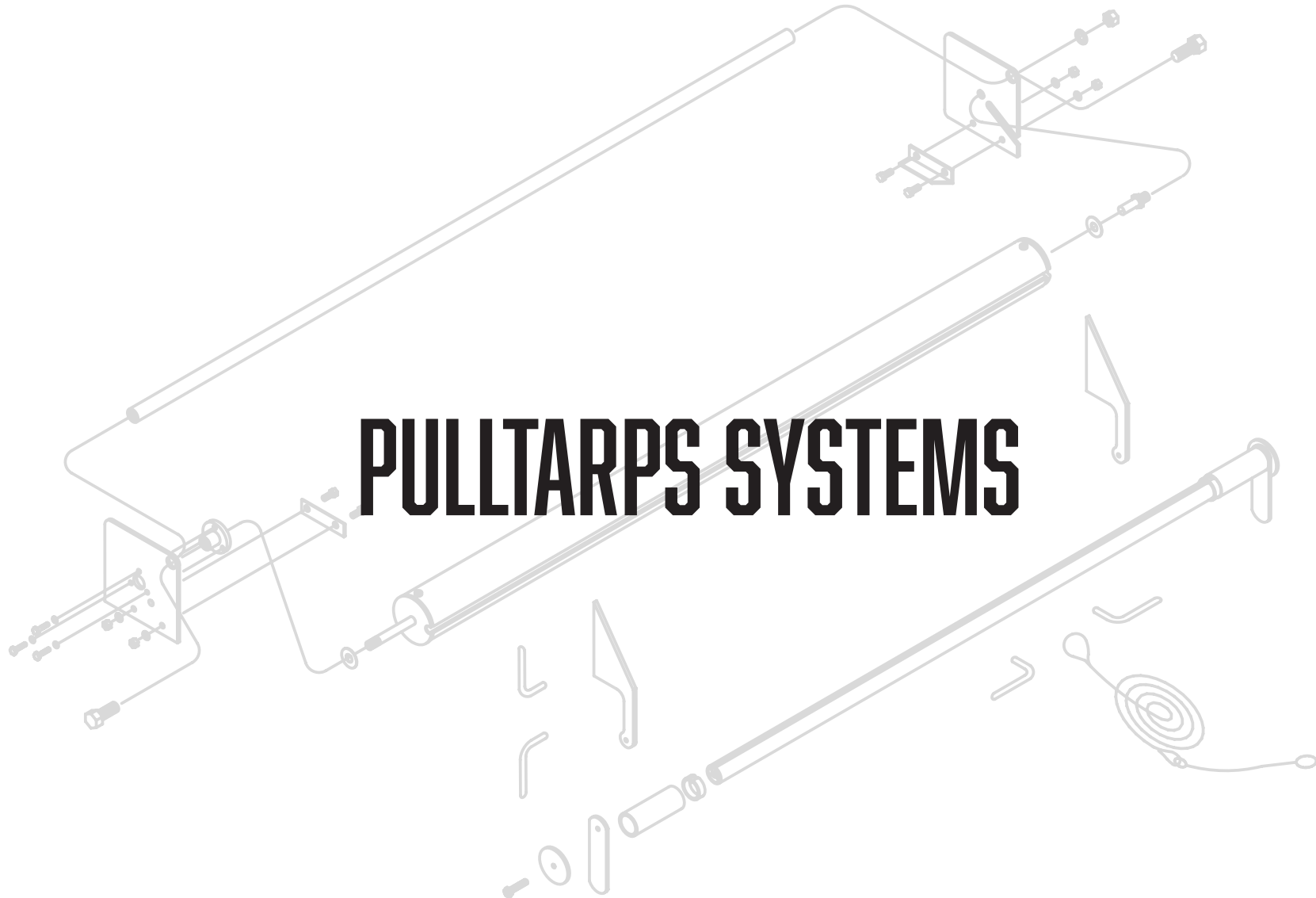
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Pulltarps Systems



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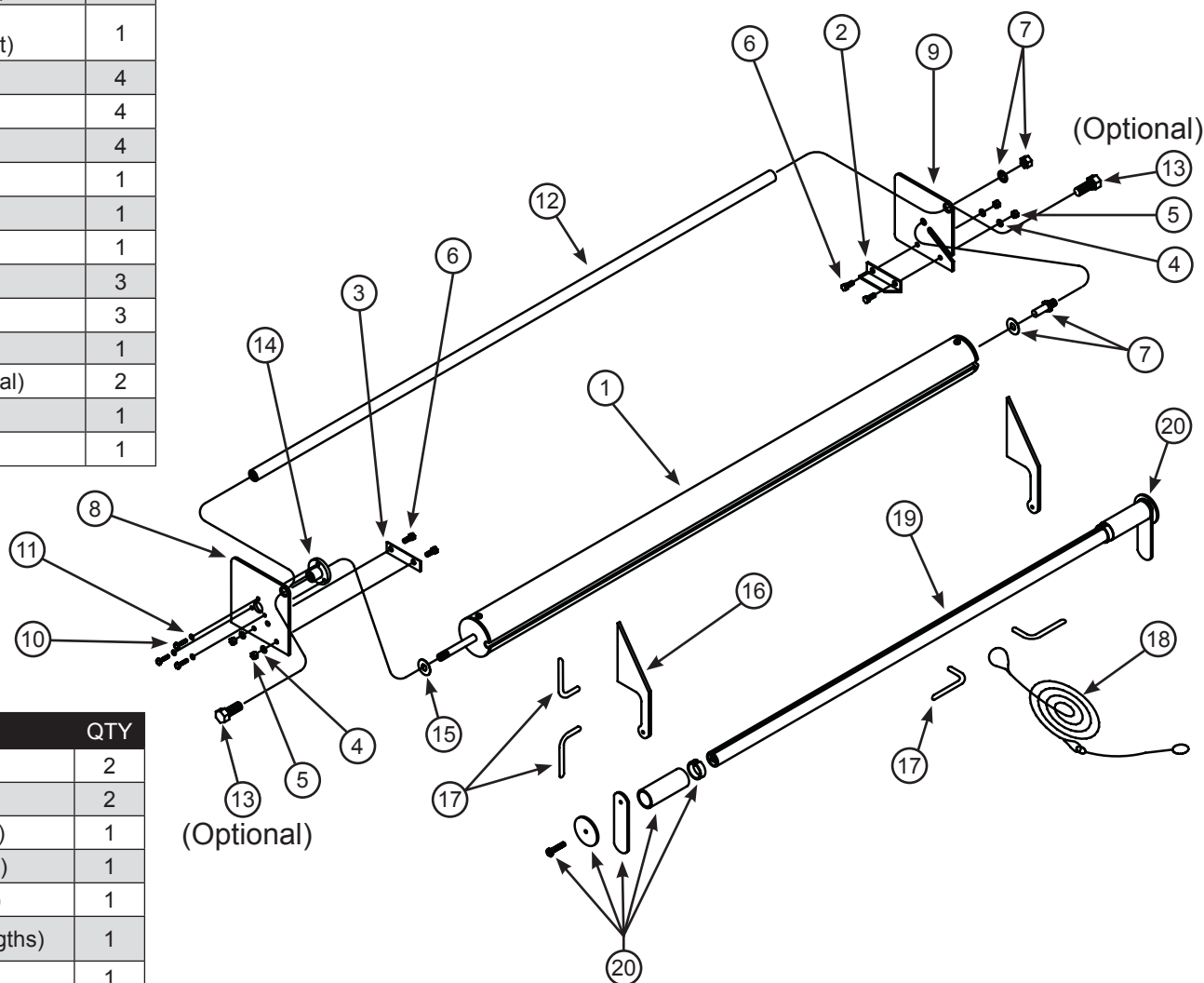
ITEM	PART #	DESCRIPTION	QTY
1	501-13XX	Roller Tube Assy 80,84,87,89,93,96,100"	1
2	501-152X	Open System Mount Brkt. (Specify Steel or Aluminum - Left)	1
3	501-152X	Open System Mount Brkt. (Specify Steel or Aluminum - Right)	1
4	505-2502	1/4" Flat Washer USS	4
5	504-3103	5/16"-18 Nyloc Nut	4
6	503-3104	5/16"-18 x 3/4"lg. Carriage Bolt	4
7	501-0632	System End Plate Stud Kit	1
8	501-0203	6" Open End Plate, (Drvr.)	1
9	501-0204	6" Open End Plate, (Pass.)	1
10	503-2503	1/4" - 20 x 1 1/2"lg. HHCS Bolt	3
11	505-2503	1/4" Lock Washer	3
12	501-980X	Spacer Rod 7/8" (Optional)	1
13	503-7501	3/4" - 10 x 1"lg. HHCS Bolt (Optional)	2
14	501-0804	Steel Spring Shaft Anchor	1
15	505-5002	Nylon Washer	1

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Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
16	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
17	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
18	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
19	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
20	501-0612	Pullrod Hardware Kit	1

6" Open System #101-0215 (Widths of 80, 84, 87, 89, 93, 96, 100")



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9" Open System #105-0215

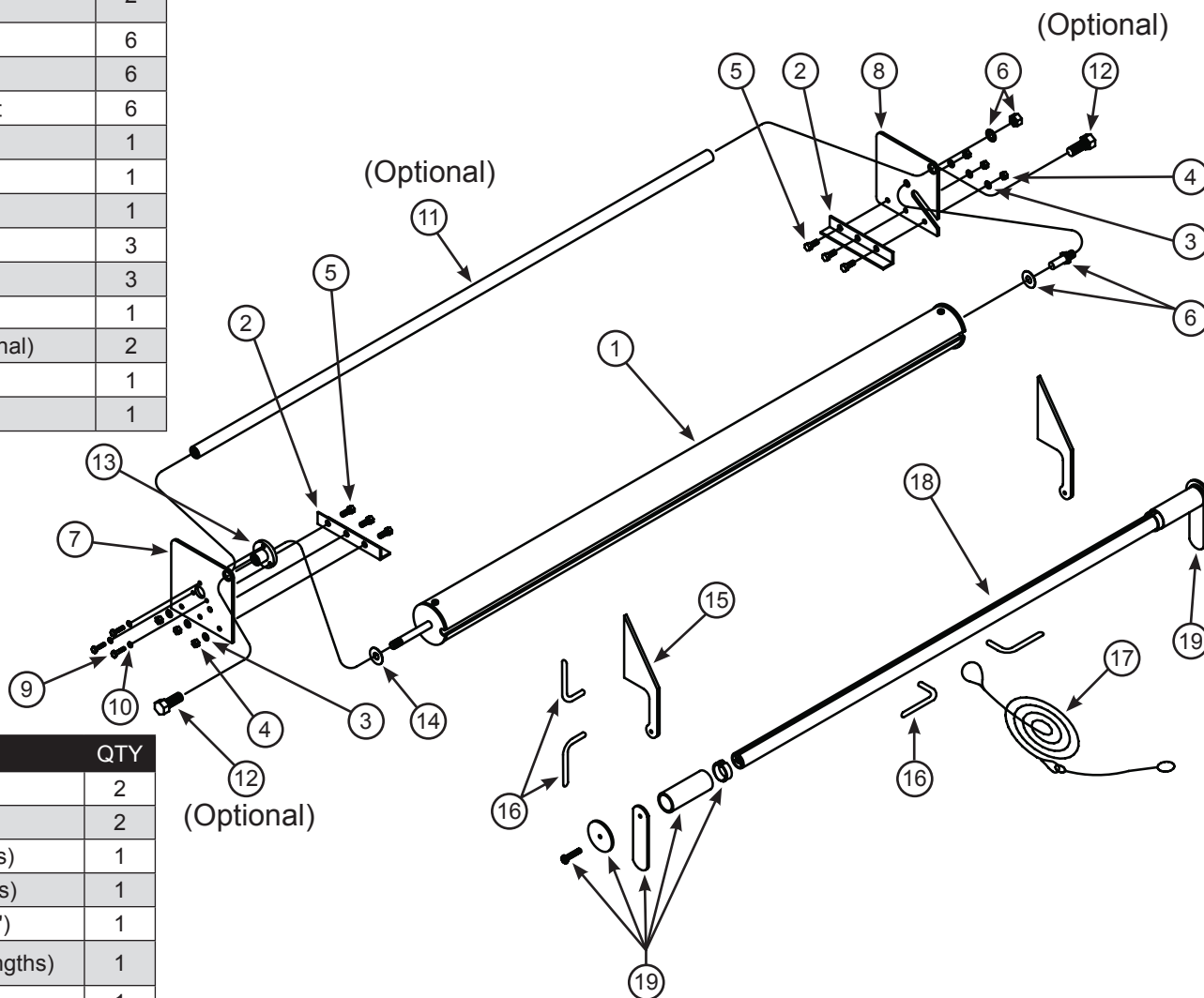
(Widths of 80, 84, 87, 89, 93, 96, 100")

ITEM	PART #	DESCRIPTION	QTY
1	501-13XX	Roller Tube Assy 80,84,87,89,93,96,100"	1
2	501-152X	Open System Mount Brkt. (Specify Steel or Aluminum)	2
3	505-2502	1/4" Flat Washer USS	6
4	504-3103	5/16"-18 Nyloc Nut	6
5	503-3104	5/16"-18 x 3/4"lg. Carriage Bolt	6
6	501-0632	System End Plate Stud Kit	1
7	501-0219	9" Open End Plate, (Drvr.)	1
8	501-0220	9" Open End Plate, (Pass.)	1
9	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	3
10	505-2503	1/4" Lock Washer	3
11	501-980X	Spacer Rod 7/8" (Optional)	1
12	503-7501	3/4" - 10 x 1"lg. HHCS Bolt (Optional)	2
13	501-0804	Steel Spring Shaft Anchor	1
14	505-5002	Nylon Washer	1

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Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
15	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
16	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
17	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
18	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
19	501-0612	Pullrod Hardware Kit	1



7" Open System #103-0215

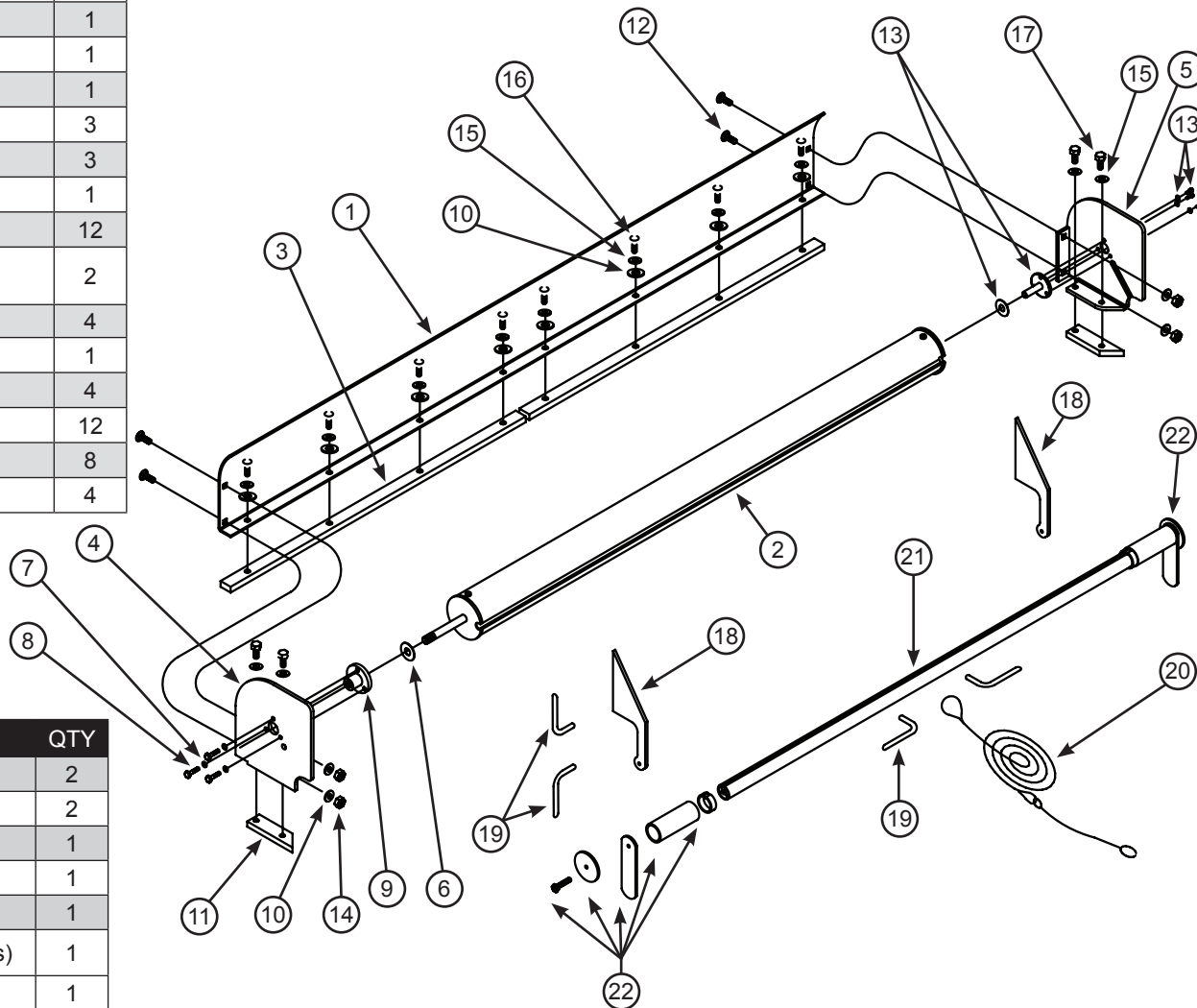
(Widths of 80, 84, 87, 89, 93, 96, 100")

ITEM	PART #	DESCRIPTION	QTY
1	501-10XX	Alum. Wind Guard 80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Alum. Roller Tube Assy 80,84,87,89,93,96,100"	1
3	501-15XX	Mounting Bar-Steel 40, 42, 43.5, 44.5, 46.5, 48, 50"	2
4	501-0207	7.5" Aluminum End Plate (Drvr.)	1
5	501-0208	7.5" Aluminum End Plate (Pass.)	1
6	505-5002	Nylon Washer	1
7	505-2503	1/4" Lock Washer	3
8	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	3
9	501-0804	Steel Spring Shaft Anchor	1
10	505-2502	1/4" Flat Washer USS	12
11	501-150X	5" Mounting Bar (Specify Steel or Aluminum)	2
12	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
13	501-0805	Universal Bolt In Stud Kit	1
14	504-3103	5/16" - 18 Nyloc Nut	4
15	505-3102	5/16" Lock Washer	12
16	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	8
17	503-3102	5/16" - 18 x 1"lg. HHCS Bolt	4

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Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
18	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
19	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
20	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
21	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
22	501-0612	Pullrod Hardware Kit	1



ITEM	PART #	DESCRIPTION	QTY
1	501-010X	Galv. Steel Protector Housing 80, 84, 87, 89, 93, 96, 100"	1
2	501-130X	Roller Assembly 80, 84, 87, 89, 93, 96, 100"	1
3	501-0138	48" x 5-1/2" Galv. Insert	1
4	501-152X	System Mount Bracket (Specify Steel or Aluminum - Left)	1
5	501-152X	System Mount Bracket (Specify Steel or Aluminum - Right)	1
6	501-0254	Passenger Side Plate for "N" System	1
7	501-0253	Driver Side Plate for "N" System	1
8	501-0633	Universal Bolt in Stud Kit	1
9	501-0804	Steel Spring Shaft Anchor	1
10	505-5002	Nylon Washer	1
11	503-2505	1/4" - 20 x 3/4"lg. Carriage Bolt	8
12	505-2502	1/4" Flat Washer USS	24
13	504-2506	1/4" - 20 Nyloc Nut (Thin)	12
14	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
15	504-3103	5/16" - 18 Nyloc Nut	4
16	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	3
17	505-2503	1/4" Lock Washer	3
18	504-2503	1/4" - 20 Nyloc Nut	8
19	503-2501	1/4" - 20 x 1/2"lg. Carriage Bolt	12
20	501-06XX	Steel Protector System Hardware (Specify Steel or Aluminum)	1

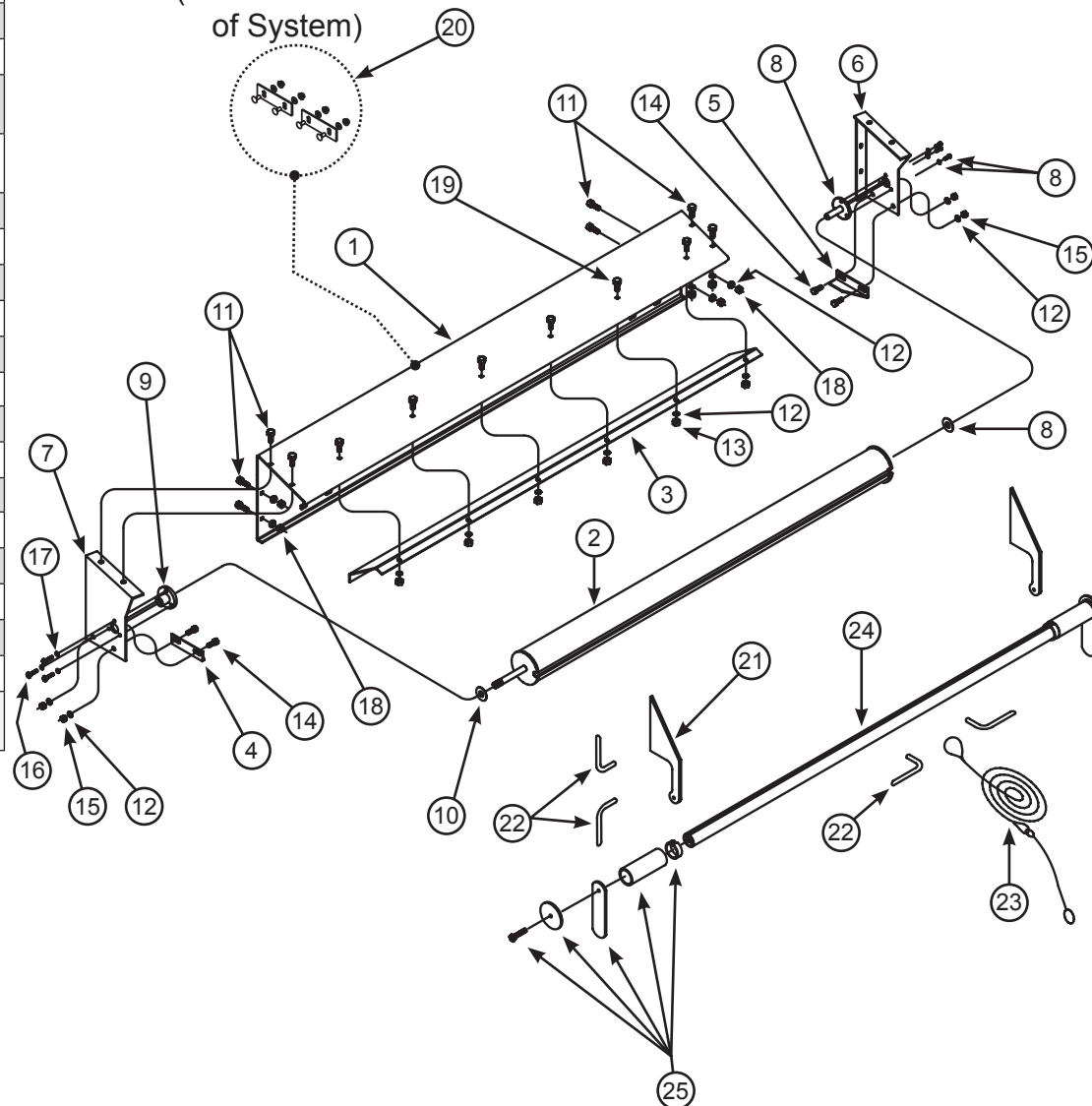
Pullrod Hardware

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ITEM	PART #	DESCRIPTION	QTY
21	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
22	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
23	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
24	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
25	501-0612	Pullrod Hardware Kit	1

Housing Assembly for Steel Protector #106-0215

(Mounts to back of System)



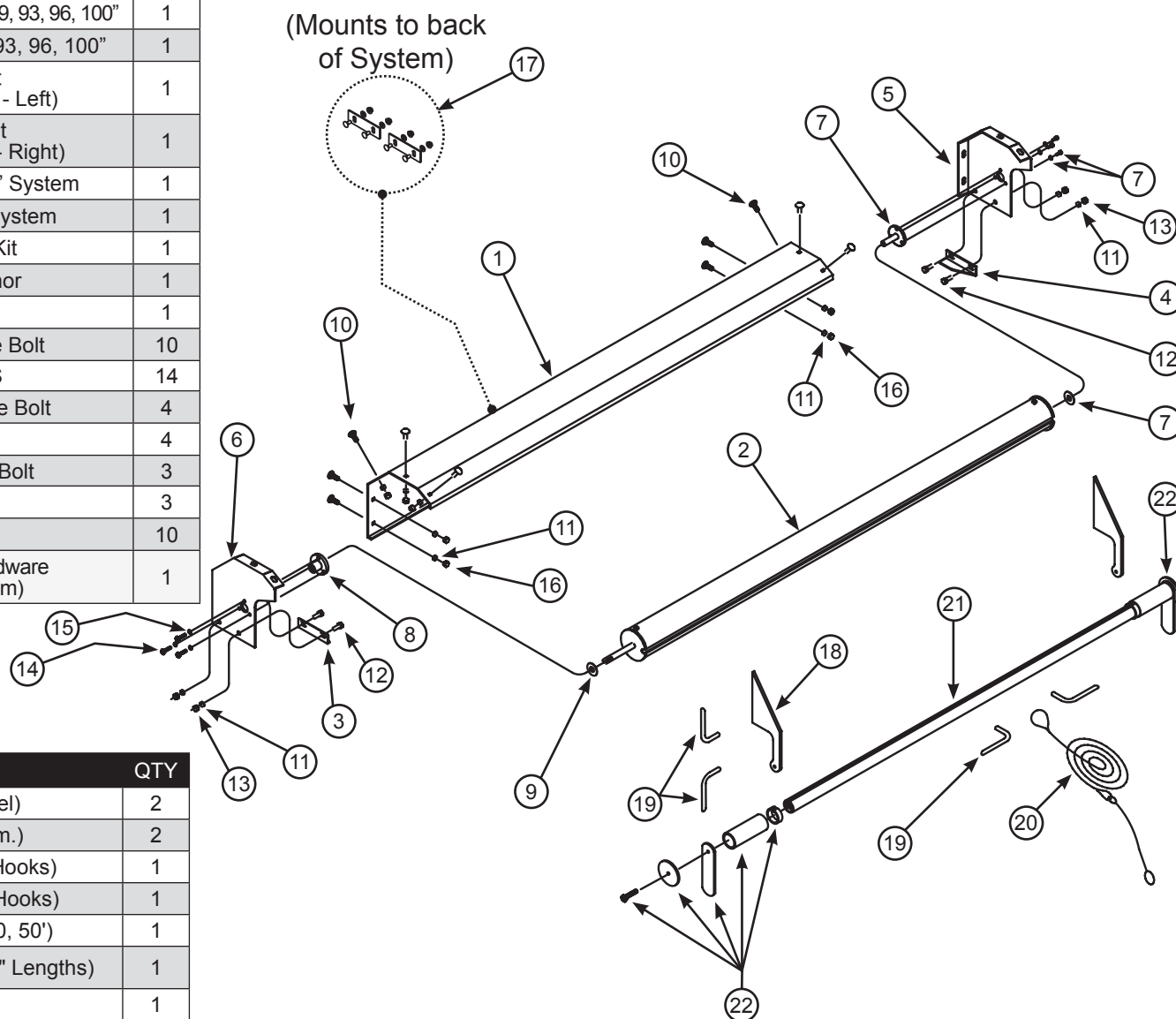
ITEM	PART #	DESCRIPTION	QTY
1	501-014X	Gal. Steel Protector Hsg. 80, 84, 87, 89, 93, 96, 100"	1
2	501-130X	Roller Assembly 80, 84, 87, 89, 93, 96, 100"	1
3	501-152X	System Mount Bracket (Specify Steel or Aluminum - Left)	1
4	501-152X	System Mount Bracket (Specify Steel or Aluminum - Right)	1
5	501-0240	Passenger Side Plate for "N+" System	1
6	501-0239	Driver Side Plate for "N+" System	1
7	501-0633	Universal Bolt In Stud Kit	1
8	501-0804	Steel Spring Shaft Anchor	1
9	505-5002	Nylon Washer	1
10	503-2505	1/4" - 20 x 3/4"lg. Carriage Bolt	10
11	505-2502	1/4" Flat Washer USS	14
12	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
13	504-3103	5/16" - 18 Nyloc Nut	4
14	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	3
15	505-2503	1/4" Lock Washer	3
16	504-2503	1/4" - 20 Nyloc Nut	10
17	501-06XX	Steel Protector System Hardware (Specify Steel or Aluminum)	1

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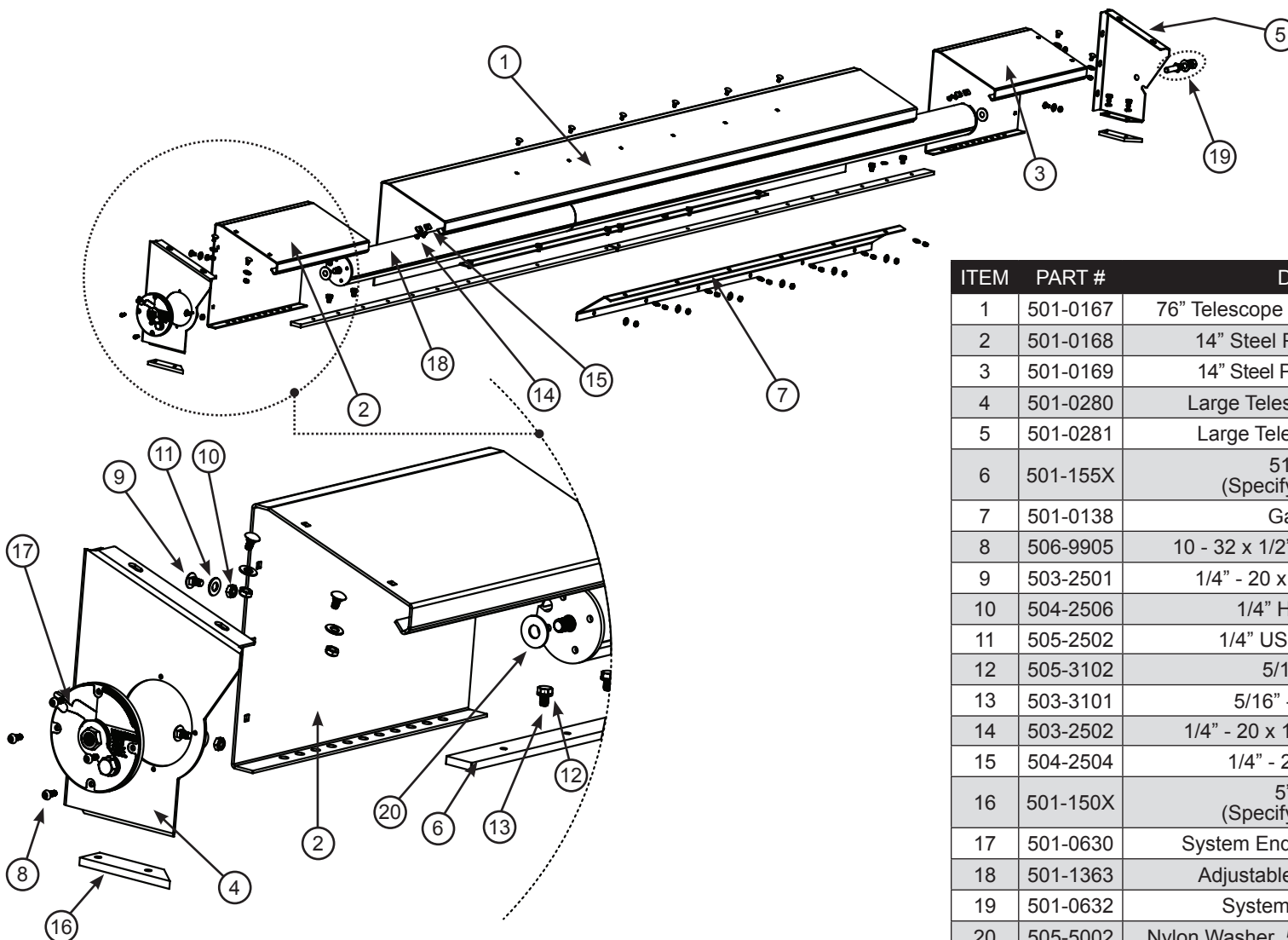
Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
18	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
19	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
20	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
21	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
22	501-0612	Pullrod Hardware Kit	1

Housing Assembly for Steel Protector Plus #114-0215



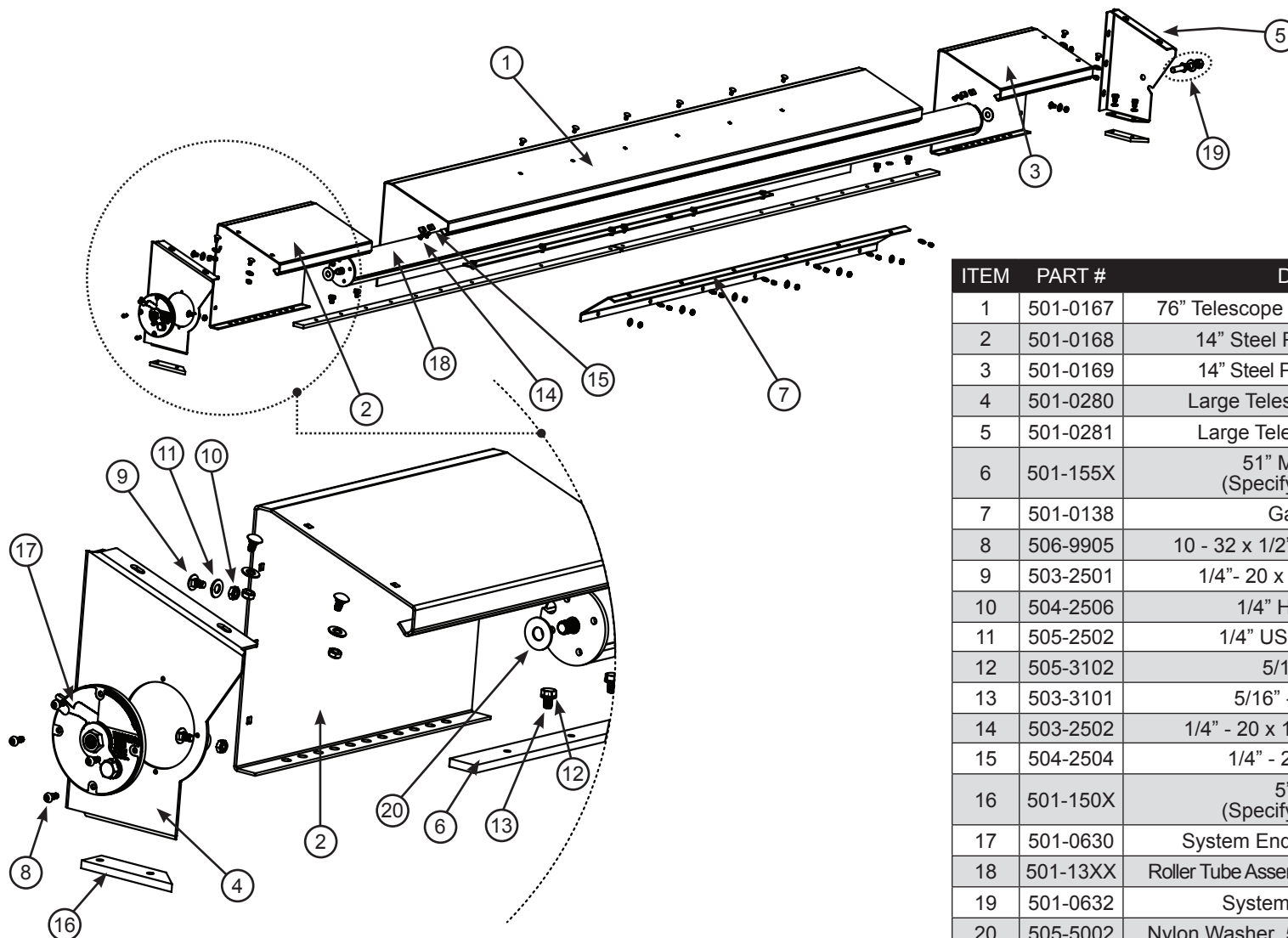
X-Pando Adjustable Steel Protector #116-3027, 116-3017



ITEM	PART #	DESCRIPTION	QTY
1	501-0167	76" Telescope Steel Protector Center Hsg.	1
2	501-0168	14" Steel Protector Adj. End (Left)	1
3	501-0169	14" Steel Protector Adj. End (Right)	1
4	501-0280	Large Telescope Ratchet End Plate	1
5	501-0281	Large Telescope End Plate Pass.	1
6	501-155X	51" Mounting Bar (Specify Steel or Aluminum)	2
7	501-0138	Galvanized Insert	1
8	506-9905	10 - 32 x 1/2" Phillips Pan Head Screw	4
9	503-2501	1/4" - 20 x 1/2" USS Carriage Bolt	22
10	504-2506	1/4" Hex Lock Nut "Thin"	22
11	505-2502	1/4" USS Washer 5/16" Hole	22
12	505-3102	5/16" Lock Washer	14
13	503-3101	5/16" - 18 x 1/2" Hex Bolt	14
14	503-2502	1/4" - 20 x 1/2" SS Button HD Screw	4
15	504-2504	1/4" - 20 Weld Nut - Single	4
16	501-150X	5" Mounting Bar (Specify Steel or Aluminum)	2
17	501-0630	System End Plate Ratchet Assembly	1
18	501-1363	Adjustable Roller Tube Assembly	1
19	501-0632	System End Plate Stud 2.4"	1
20	505-5002	Nylon Washer .51 ID x 1.25 OD x .063 Thick	2

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X-Pando Pre-Adjusted Steel Protector #116-3028, 116-3018



ITEM	PART #	DESCRIPTION	QTY
1	501-0167	76" Telescope Steel Protector Center Hsg.	1
2	501-0168	14" Steel Protector Adj. End (Left)	1
3	501-0169	14" Steel Protector Adj. End (Right)	1
4	501-0280	Large Telescope Ratchet End Plate	1
5	501-0281	Large Telescope End Plate Pass.	1
6	501-155X	51" Mounting Bar-Steel (Specify Steel or Aluminum)	2
7	501-0138	Galvanized Insert	1
8	506-9905	10 - 32 x 1/2" Phillips Pan Head Screw	4
9	503-2501	1/4" - 20 x 1/2" USS Carriage Bolt	22
10	504-2506	1/4" Hex Lock Nut "Thin"	22
11	505-2502	1/4" USS Washer 5/16" Hole	22
12	505-3102	5/16" Lock Washer	14
13	503-3101	5/16" - 18 x 1/2" Hex Bolt	14
14	503-2502	1/4" - 20 x 1/2" SS Button HD Screw	4
15	504-2504	1/4" - 20 Weld Nut - Single	4
16	501-150X	5" Mounting Bar (Specify Steel or Aluminum)	2
17	501-0630	System End Plate Ratchet Assembly	1
18	501-13XX	Roller Tube Assembly 80, 84, 87, 89, 93, 96, 100"	1
19	501-0632	System End Plate Stud 2.4"	1
20	505-5002	Nylon Washer .51 ID x 1.25 OD x .063 Thick	2

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ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	8.5" Super Shield Housing 80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Roller Tube Assy 80,84,87,89,93,96,100"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48, 50" (Specify Steel or Aluminum)	2
4	501-150X	Small Steel Mounting Bar (Specify Steel or Aluminum)	2
5	501-0809	Ratchet Housing	1
6	501-0806	Ratchet Cover	1
7	501-0825	Ratchet Kit	1
8	501-0630	Ratchet Assembly	1
9	501-0632	System End Plate Stud Kit	1
10	505-5002	Nylon Washer	1
11	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	10
12	505-3102	5/16" Lock Washer	10
13	506-9905	#10 - 32 x 1/2"lg. Phillips Pan Screw	4
14	607-0061	Pulltarps Decal	1

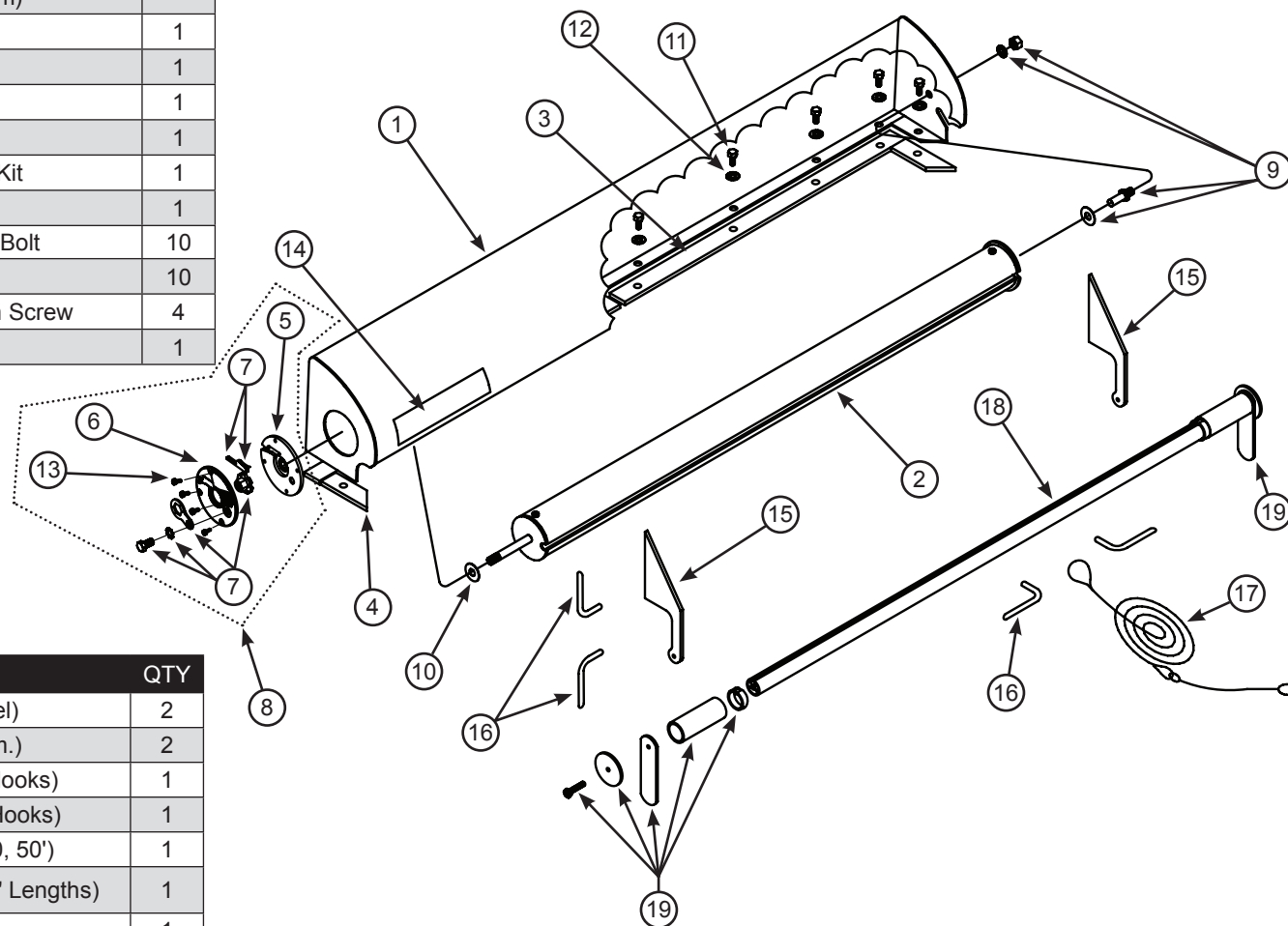
REV. 10/12/16 WLH

Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
15	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
16	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
17	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
18	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
19	501-0612	Pullrod Hardware Kit	1

8" Super Shield System #107-0215

(Widths of 80, 84, 87, 89, 93, 96, 100")





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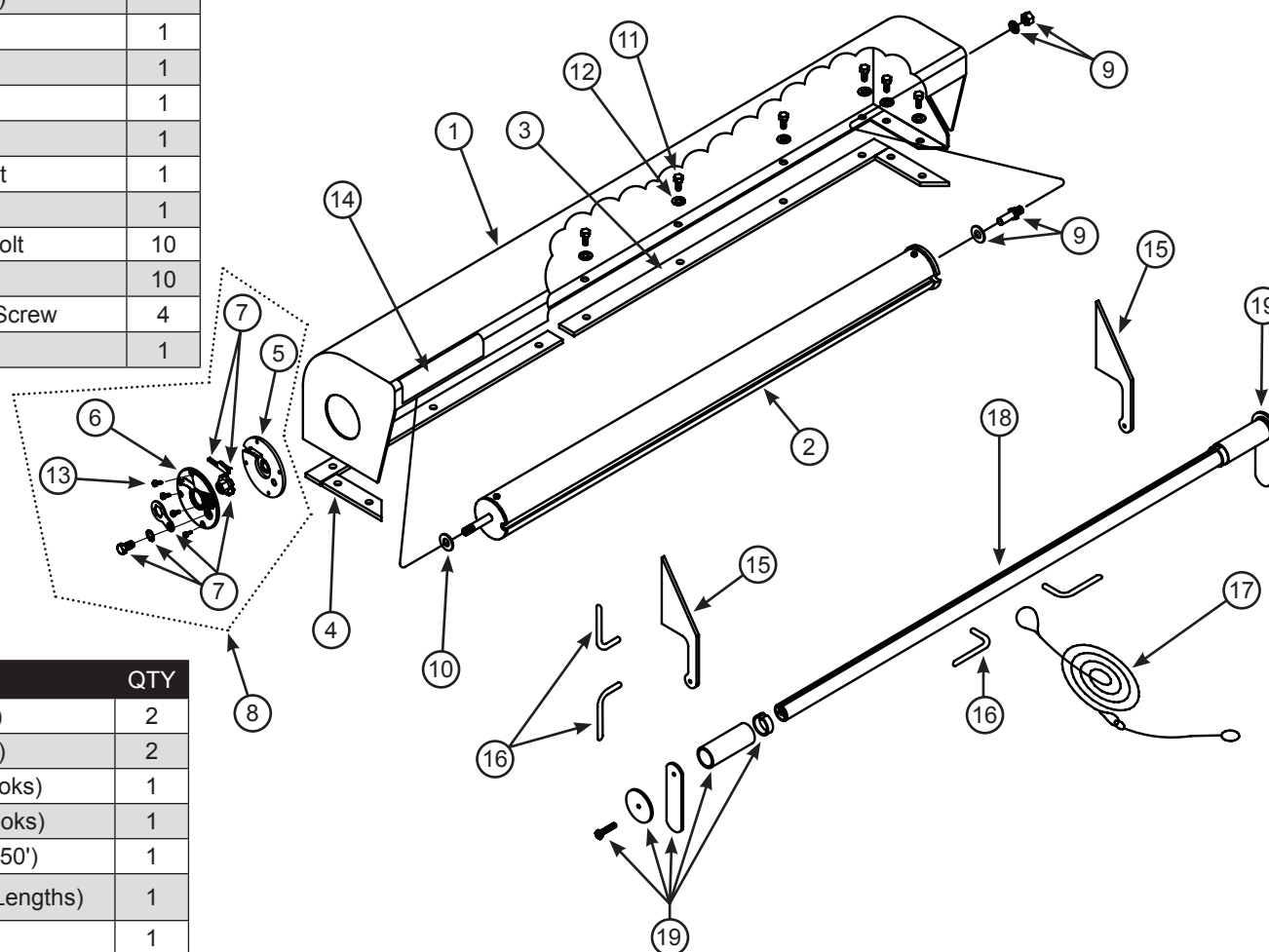
Pulltarps Systems

ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	9.5" Super Shield Housing 80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Roller Tube Assy 80,84,87,89,93,96,100"	1
3	501-15XX	Mounting Bar-Steel 40, 42, 43.5, 44.5, 46.5, 48, 50" (Specify Steel or Aluminum)	2
4	501-150X	6" Large Mount (Specify Steel or Aluminum)	2
5	501-0809	Ratchet Housing	1
6	501-0806	Ratchet Cover	1
7	501-0825	Ratchet Kit	1
8	501-0630	Ratchet Assembly	1
9	501-0801	System End Plate Stud Kit	1
10	505-5002	Nylon Washer	1
11	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	10
12	505-3102	5/16" Lock Washer	10
13	506-9905	#10 - 32 x 1/2"lg. Phillips Pan Screw	4
14	607-0061	Pulltarps Decal	1

REV. 10/12/16 WLH

9.5" Universal Super Shield System #108-0215

(Widths of 80, 84, 87, 89, 93, 96, 100")



Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
15	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
16	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
17	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
18	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
19	501-0612	Pullrod Hardware Kit	1

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9.5" Ultimate Super Shield System #109-0215

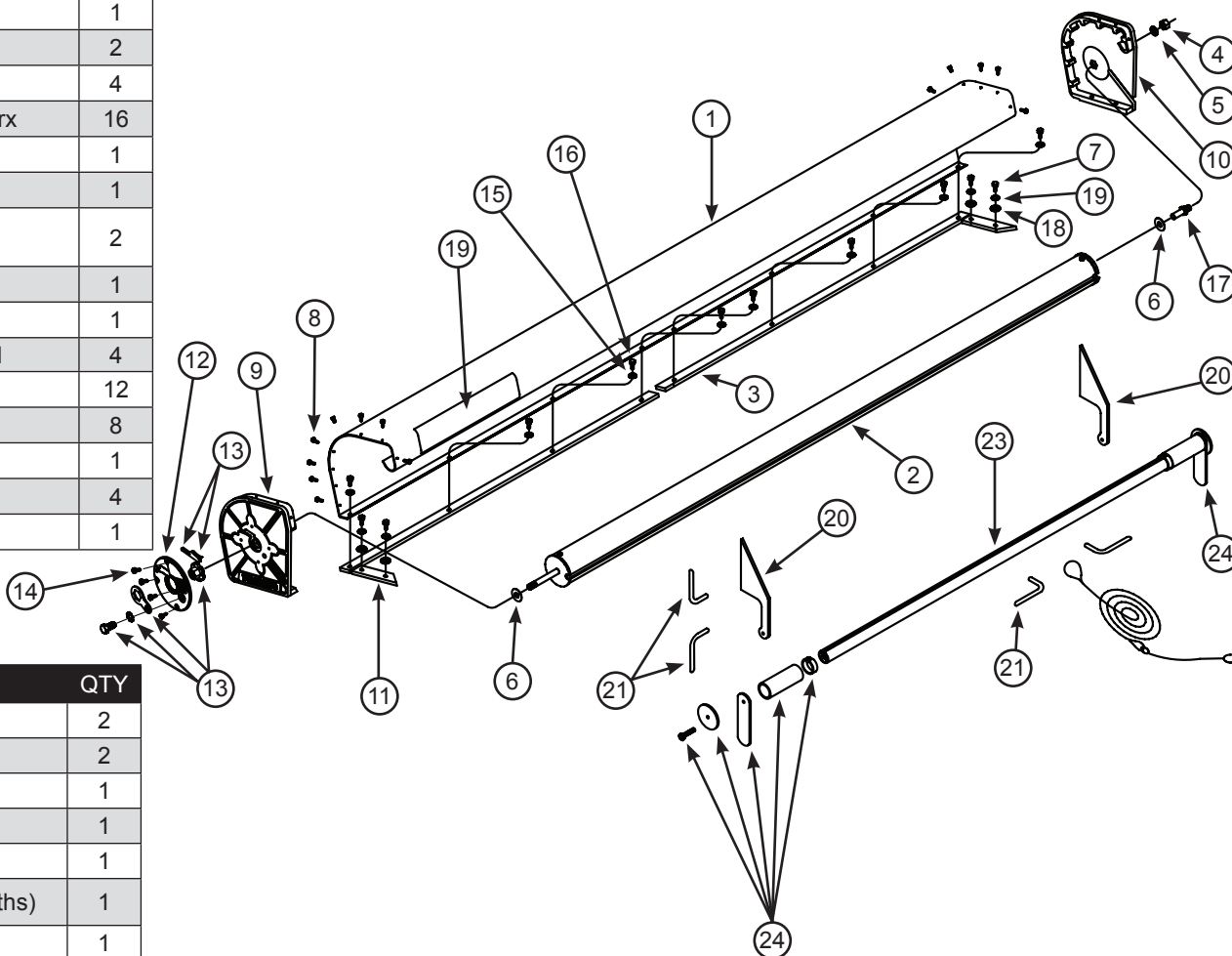
(Widths of 80, 84, 87, 89, 93, 96")

ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	Alum. Super Shield Housing 80, 84, 87, 89, 93, 96"	1
2	501-13XX	Roller Assembly 80, 84, 87, 89, 93, 96"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48" (Specify Steel or Aluminum)	2
4	505-5001	1/2" AN Flat Washer	1
5	504-5001	1/2" Crimp Nut	1
6	505-5002	Nylon Washer	2
7	503-3105	5/16" - 18 x 1"lg. HHCS Bolt	4
8	503-2528	1/4" - 20 x 1/2"lg. SS Truss Head Torx	16
9	501-0227	Alum. Ratcheting Plate 9.5"	1
10	501-0228	Alum. Non Ratchet End Plate 9.5"	1
11	501-150X	6" Large Mounting Bar (Specify Steel or Aluminum)	2
12	501-0806	Ratchet Cover	1
13	501-0825	Ratchet Kit	1
14	506-9905	#10 - 32 x 1/2"lg. Philips Pan Head	4
15	505-3102	5/16" Lock Washer	12
16	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	8
17	501-0803	System End Plate Stud 2.8"	1
18	505-2502	1/4" Flat Washer USS	4
19	607-0061	Pulltarps Decal	1

REV. 10/20/16 WLH

Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
20	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
21	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
22	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
23	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
24	501-0612	Pullrod Hardware Kit	1



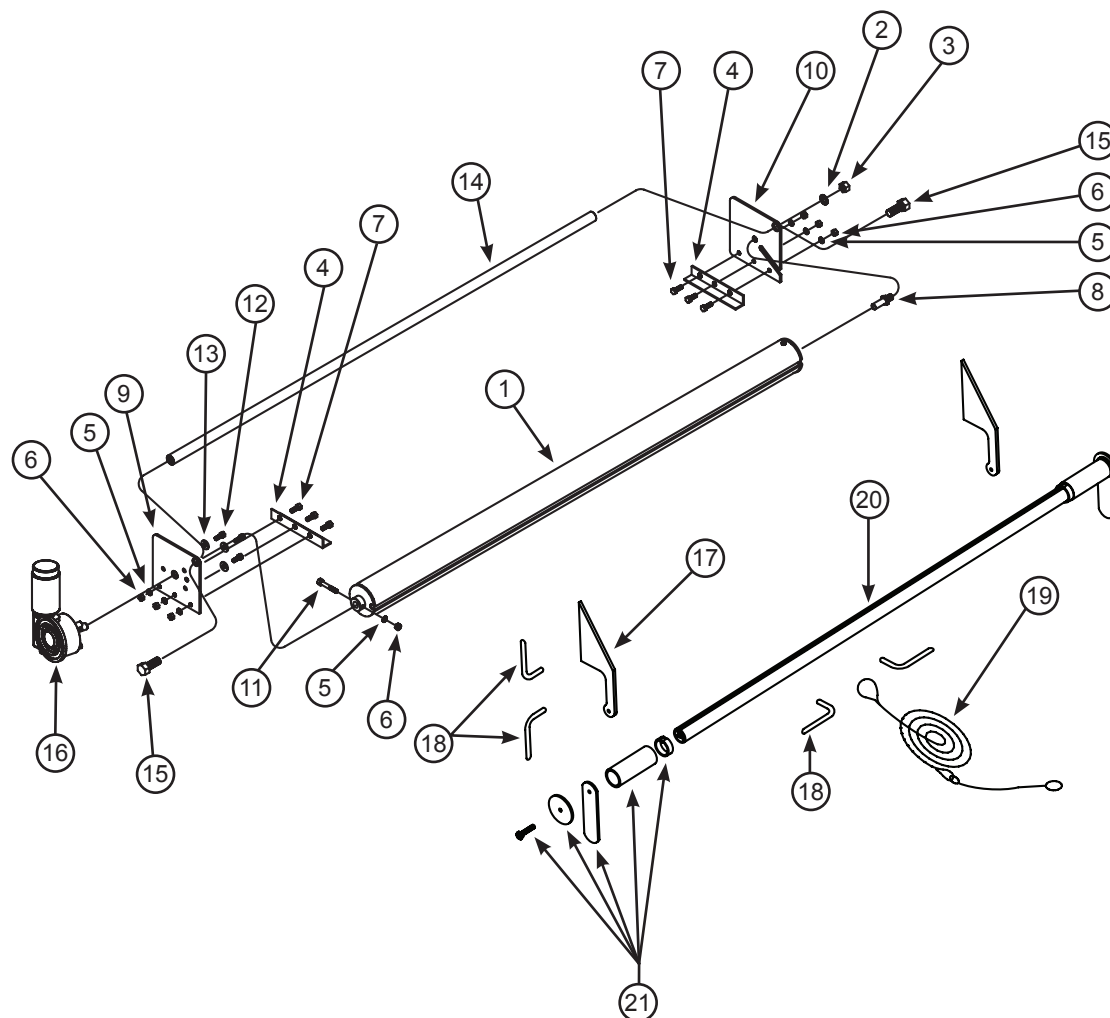
ITEM	PART #	DESCRIPTION	QTY
1	501-1310	Roller Tube Assy. 80, 84, 87, 89, 93, 96, 100"	1
2	505-5001	1/2" AN Flat Washer	1
3	504-5001	1/2" - 13 Crimp Nut	1
4	501-152X	Open System Mount Brkt. (Specify Steel or Aluminum)	2
5	505-2502	1/4" Flat Washer USS	7
6	504-3103	5/16" - 18 Nyloc Nut	7
7	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	6
8	501-0801	System End Plate Stud 2.4"	1
9	501-0221	9" Open End Plate, Electric (Drvr.)	1
10	501-0220	9" Open End Plate (Pass.)	1
11	503-3108	5/16" - 18 x 1 3/4"lg. HHCS Bolt	1
12	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	3
13	505-3102	5/16" Lock Washer	3
14	501-980X	Spacer Rod 7/8" 80, 84, 87, 89, 93, 96, 100"	1
15	503-7501	3/4" - 10 x 1"lg. HHCS Bolt	2
16	517-0906	12V DC Electric Motor	1
--	514-0124	6 Ga. Electric Wire (Not shown)	100'
--	514-0101	Switch Assembly (Not shown)	1

REV. 11/15/16 WLH

Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
17	501-0301	Tarp Return Ramps (Steel)	2
--	501-3102	Tarp Return Ramps (Alum.)	2
18	501-0643	Rope Storage Hooks (Steel)	4
--	501-0642	Rope Storage Hook (Alum.)	4
19	517-10XX	Pull Rope (20, 25, 30, 35, 40, 45, 50')	1
20	Determined by Length	Pullrod (85, 91, 93, 96, 99, 105" Lengths)	1
21	501-0612	Pullrod Hardware Kit	1

Housing Assembly for Open System with Electric Drive #110-0215



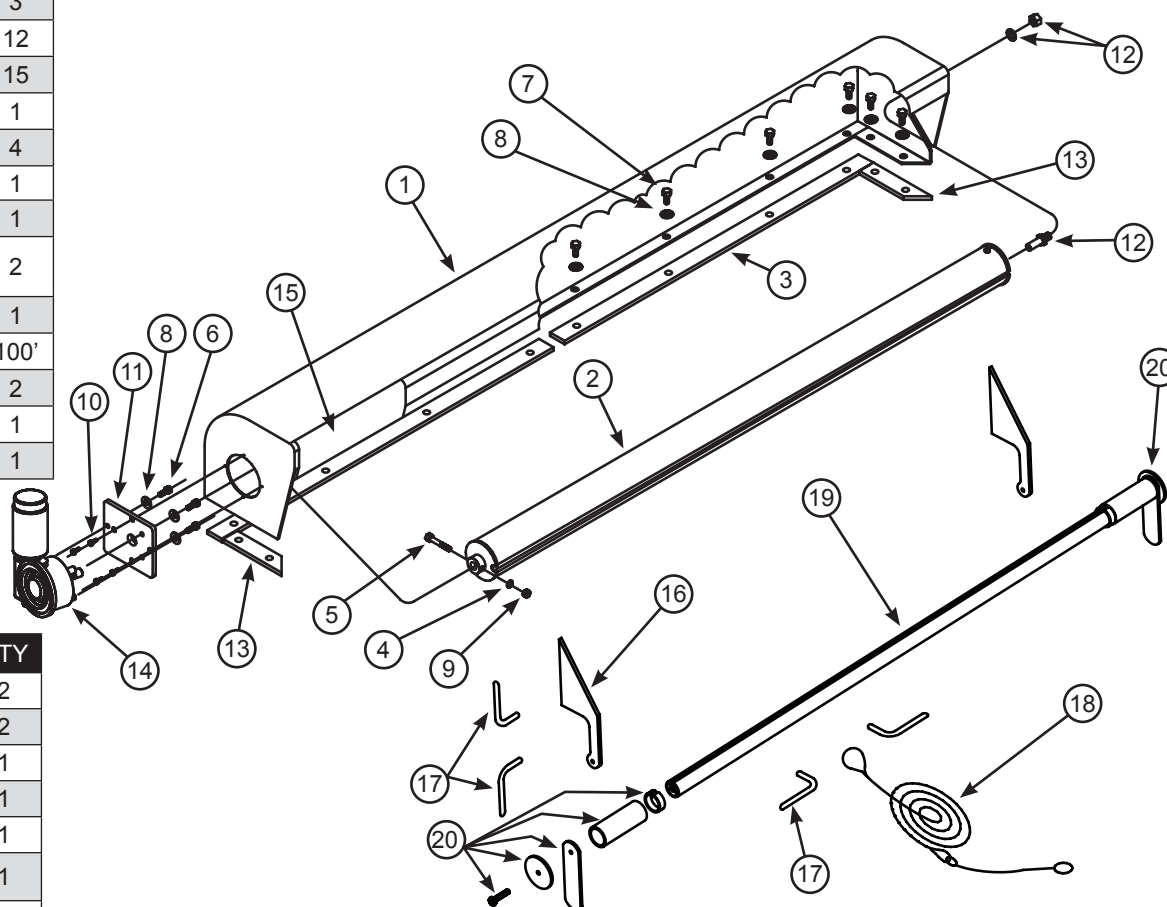
ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	SS Housing 9.5"80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Roller Tube Assy. 80,84,87,89,93,96,100"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48, 50" (Specify Steel or Aluminum)	2
4	505-2502	1/4" Flat Washer USS	1
5	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
6	503-3105	5/16" - 18 x 1"lg. HHCS Bolt	3
7	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	12
8	505-3102	5/16" Lock Washer	15
9	504-3103	5/16" - 18 Nyloc Nut	1
10	506-9905	#10 - 32 x 1/2"lg. Phillips Head Pan	4
11	501-1235	Alum. Adaptor Plate-SW Motor	1
12	501-0632	System End Plate Stud Kit	1
13	501-150X	6" Large Steel Mounting Brkt. (Specify Steel or Aluminum)	2
14	517-0906	12V DC electric Motor	1
--	514-0121	6 Ga. Electric Wire (Not Shown)	100'
--	514-0505	Gray Quick Disconnect (Not Shown)	2
--	514-0101	Switch Assembly (Not shown)	1
15	607-0061	Pulltarps Decal	1

REV. 10/20/16 WLH

Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
16	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
17	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
18	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
19	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
20	501-0612	Pullrod Hardware Kit	1

Housing Assembly for Universal Super Shield with Electric Drive #111-0215



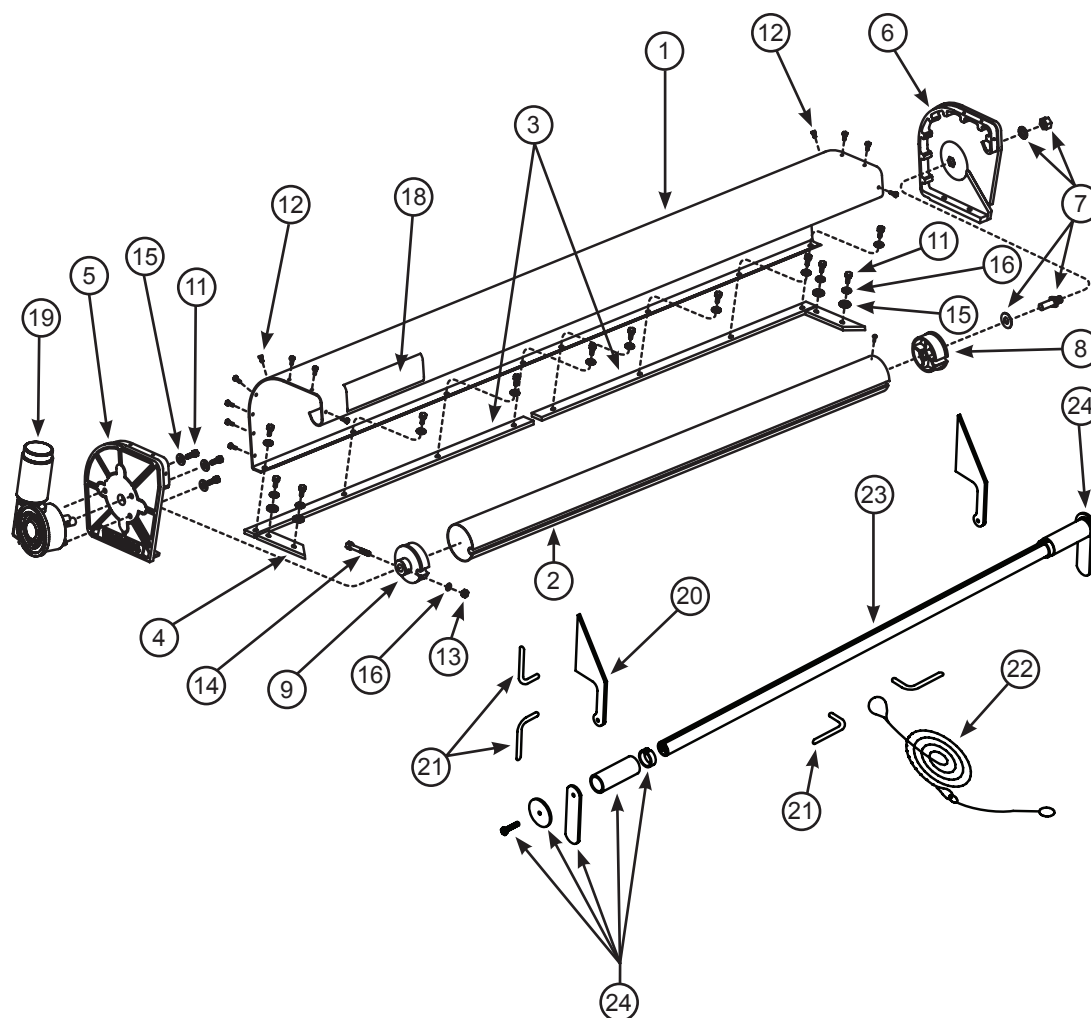
ITEM	PART #	DESCRIPTION	QTY
1	501-0129	Ultimate Alum. Housing 80, 84, 87, 89, 93, 96"	1
2	501-1310	Roller Assembly 80, 84, 87, 89, 93, 96"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48" (Specify Steel or Aluminum)	2
4	501-150X	6" Large Mounting Bar (Specify Steel or Aluminum)	2
5	501-0229	Elec. Ultimate Alum. End Plate - Left Side	1
6	501-0228	Ultimate Alum. End Plate - Right Side	1
7	501-0803	System End Plate Stud Kit	1
8	517-0102	Flanged End Cap	1
9	501-9915	Roller Drive Aluminum End Cap	1
10	506-9916	Screw #8 - 18 x 3/4" Self Drilling	1
11	503-3105	5/16" - 18 x 1"lg. HHCS Bolt	7
12	503-2528	1/4" - 20 x 1/2"lg. SS Truss Head Torx	16
13	504-3103	5/16" - 18 Nyloc Nut	1
14	503-3108	5/16" - 18 x 1-3/4" Hex Bolt	1
15	505-2502	1/4" Flat Washer USS	7
16	505-3102	5/16" Lock Washer	15
17	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	8
18	607-0061	Pulltarps Decal	1
19	517-0906	12V DC Electric Motor	1
--	514-0101	Switch Assembly (Not shown)	1
--	514-0124	6 Ga. Wire (Not Shown)	100'

Pullrod Hardware

REV. 10/20/16 WLH

ITEM	PART #	DESCRIPTION	QTY
20	501-0301	Tarp Return Ramps (Steel)	2
--	501-0302	Tarp Return Ramps (Alum.)	2
21	501-0621	Rope Storage Kits (4 Steel Hooks)	1
--	501-0608	Rope Storage Kits (4 Alum. Hooks)	1
22	517-10XX	Pull Rope (20, 25, 30, 35, 40, 50')	1
23	Determined by Length	Pullrod (85, 91, 93, 96, 100, 105" Lengths)	1
24	501-0612	Pullrod Hardware Kit	1

Housing Assembly for Ultimate Aluminum with Electric Drive #112-0215

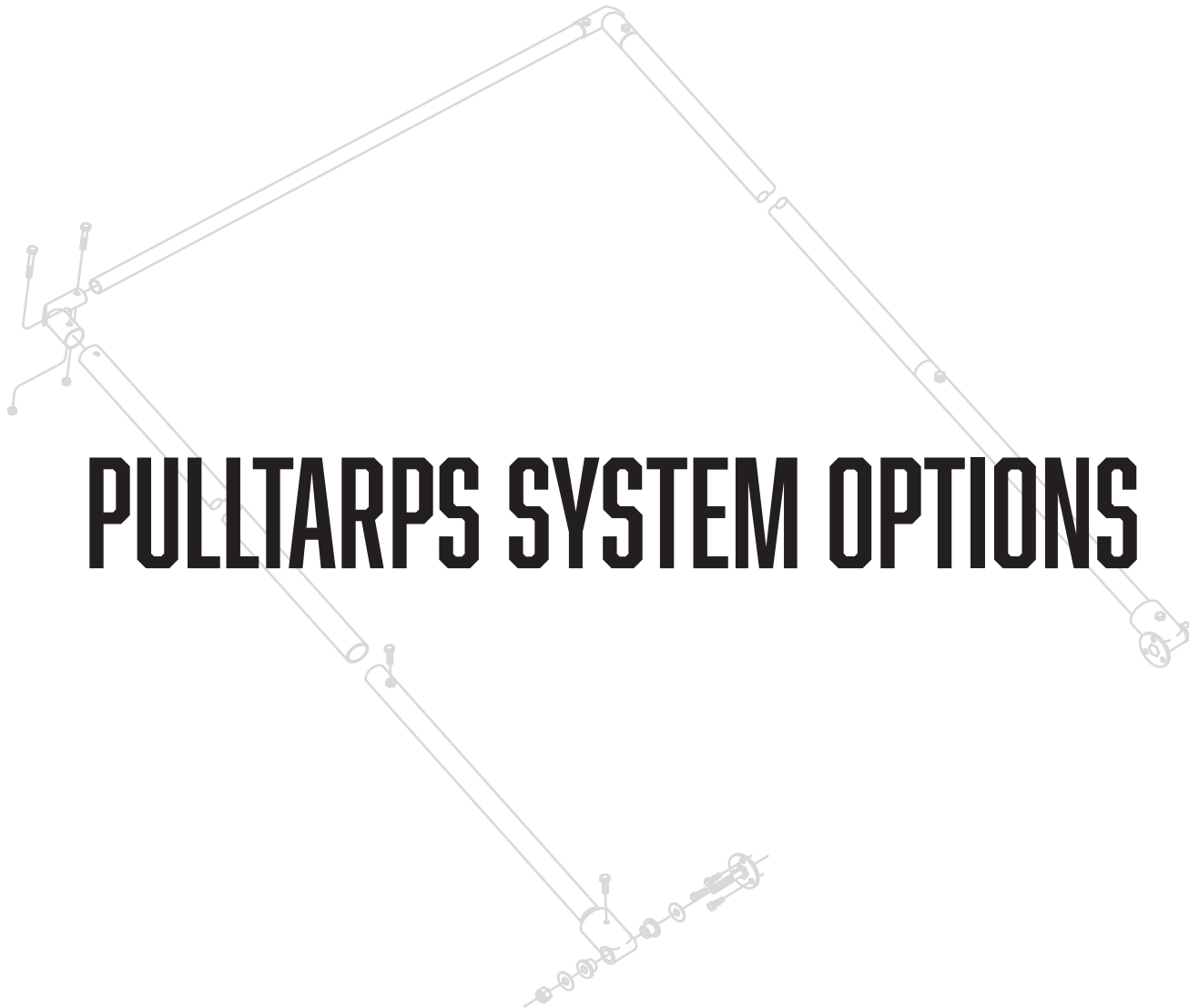




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Pulltarps System Options



PULLTARPS SYSTEM OPTIONS

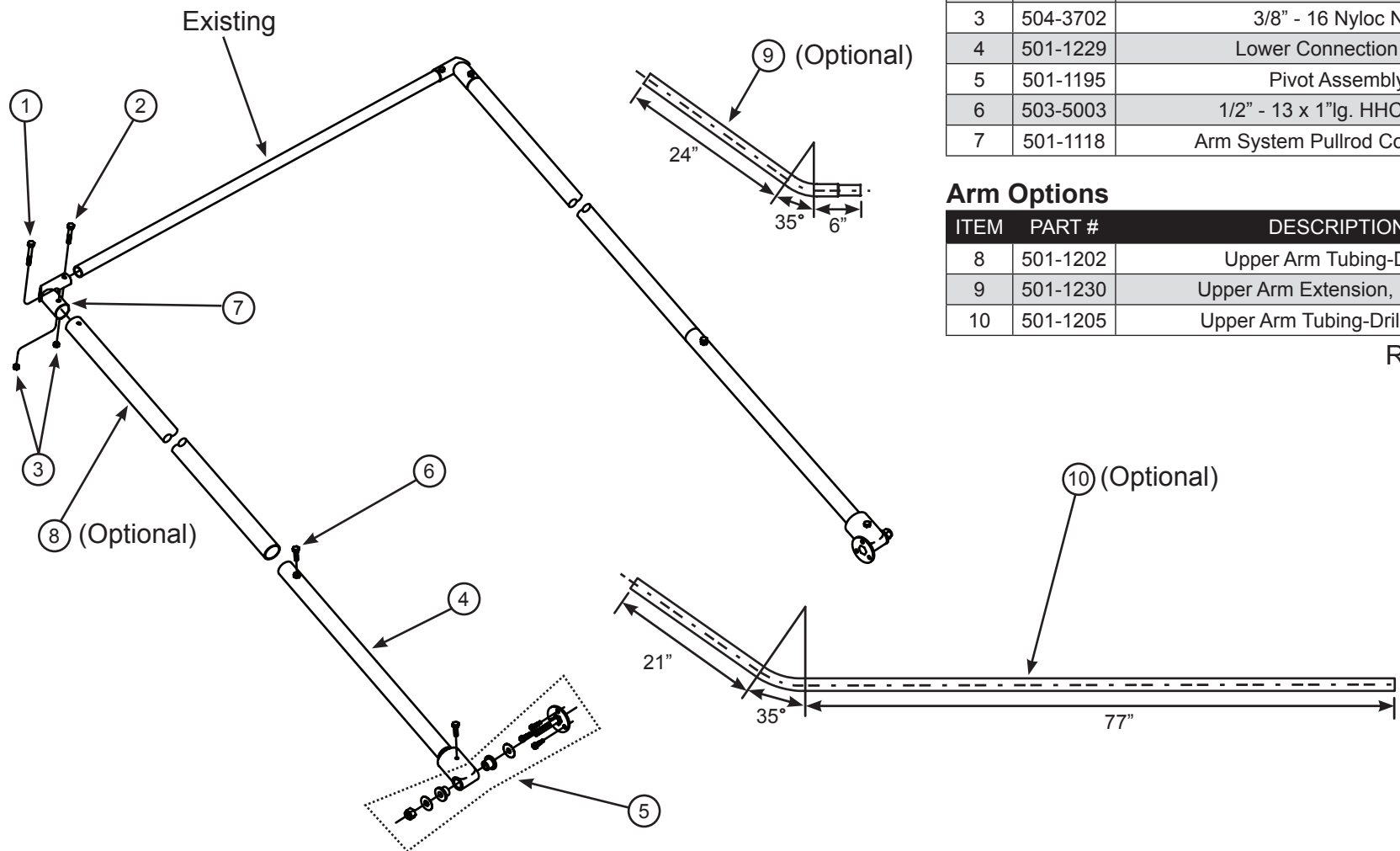
Manual Steel Arm Retrofit Kit #113-2212

ITEM	PART #	DESCRIPTION	QTY
1	503-3713	3/8" - 16 x 2-1/2"lg. HHCS Bolt	2
2	503-3709	3/8" - 16 x 2"lg. HHCS Bolt	2
3	504-3702	3/8" - 16 Nyloc Nut	6
4	501-1229	Lower Connection Arm	2
5	501-1195	Pivot Assembly	2
6	503-5003	1/2" - 13 x 1"lg. HHCS Bolt	2
7	501-1118	Arm System Pullrod Connection	2

Arm Options

ITEM	PART #	DESCRIPTION	QTY
8	501-1202	Upper Arm Tubing-Drilled	2
9	501-1230	Upper Arm Extension, Bent-35°	2
10	501-1205	Upper Arm Tubing-Drilled-Bent	2

REV. 10/21/16 WLH



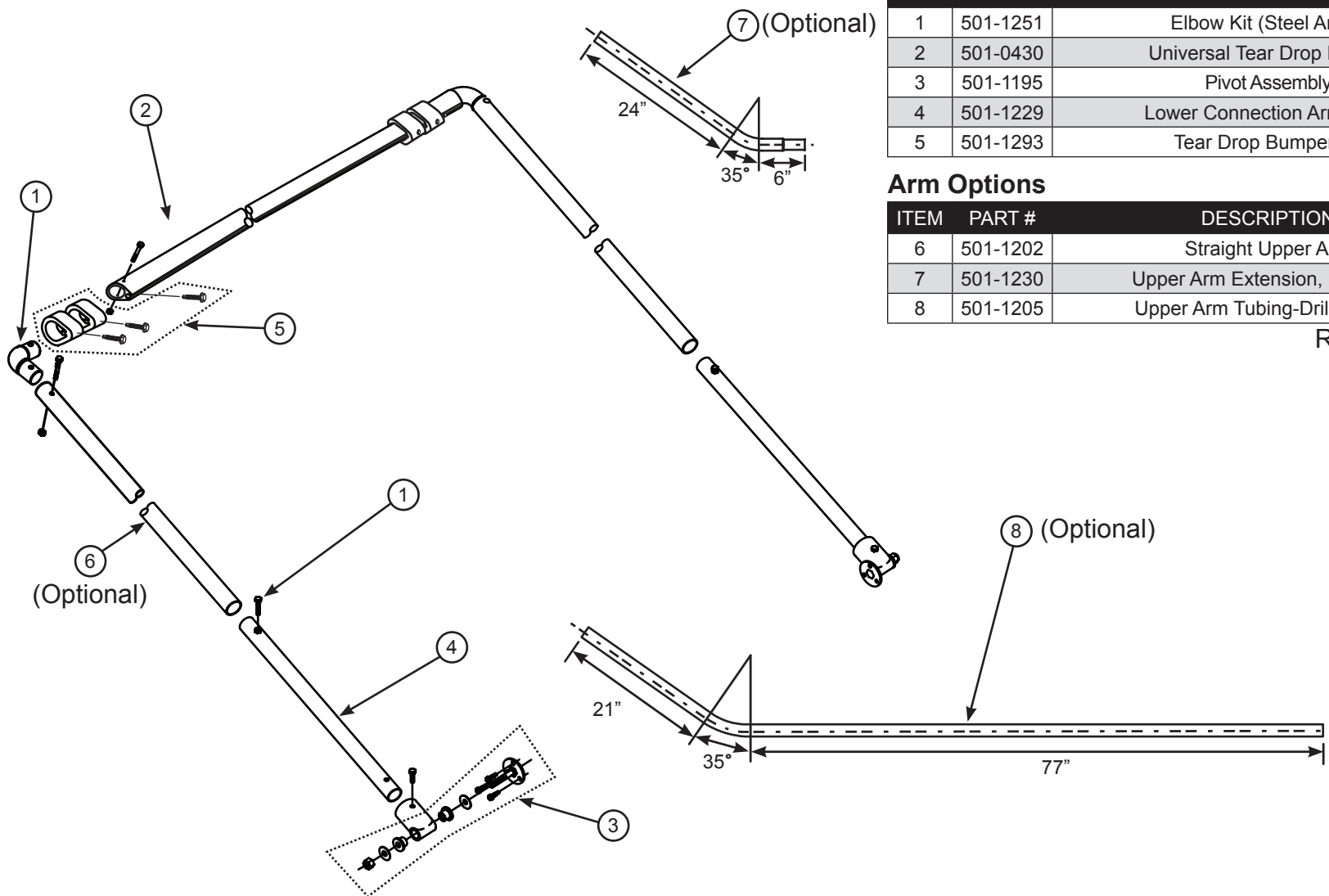
Steel Manual Arms (Complete Kits) #113-2214, 113-2215

ITEM	PART #	DESCRIPTION	QTY
1	501-1251	Elbow Kit (Steel Arms)	1
2	501-0430	Universal Tear Drop Pullbar	1
3	501-1195	Pivot Assembly	2
4	501-1229	Lower Connection Arm Tube	2
5	501-1293	Tear Drop Bumper Kit	1

Arm Options

ITEM	PART #	DESCRIPTION	QTY
6	501-1202	Straight Upper Arm	2
7	501-1230	Upper Arm Extension, Bent-35°	2
8	501-1205	Upper Arm Tubing-Drilled-Bent	2

REV. 10/20/16 WLH





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Pulltarps System Options

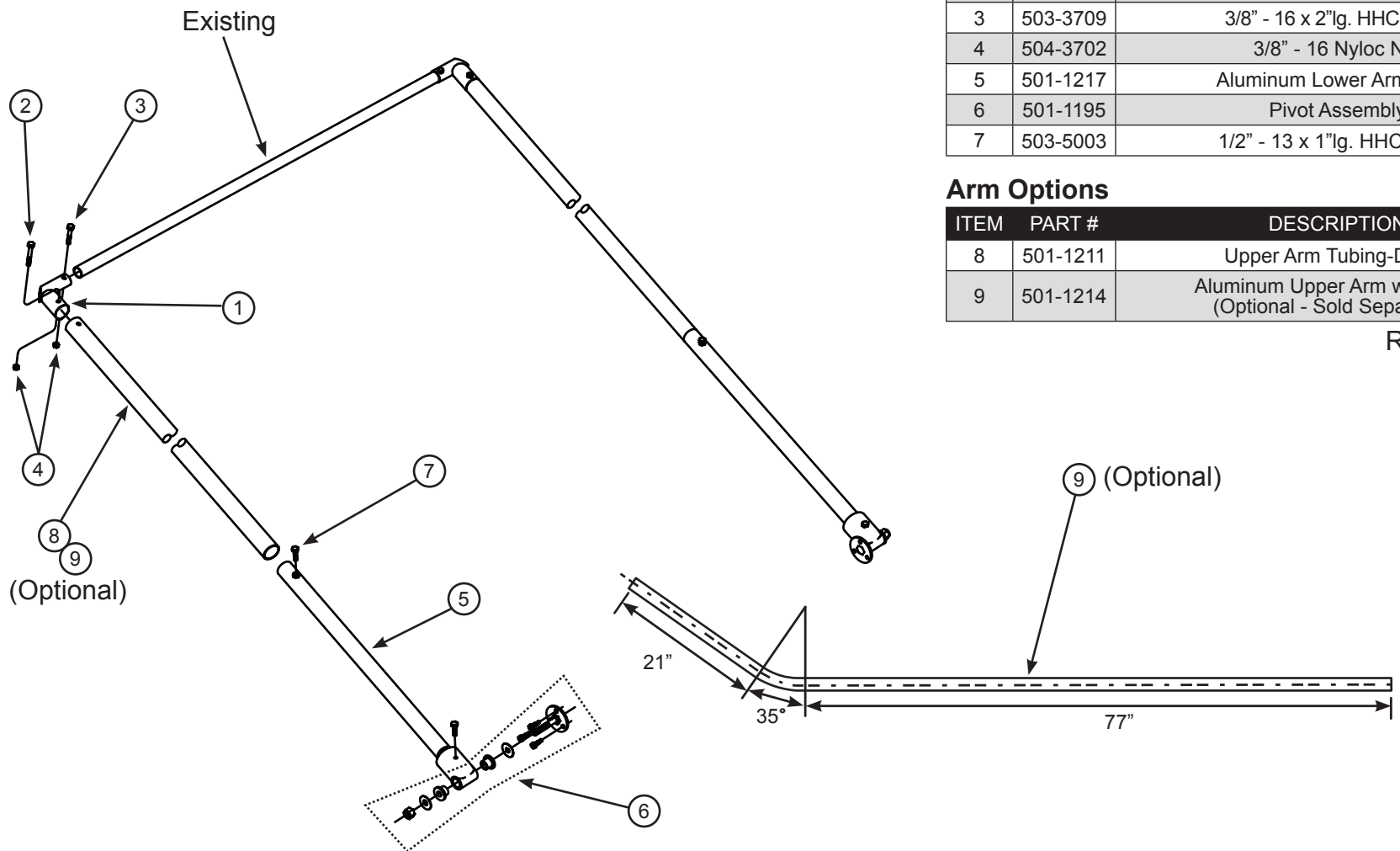
Manual Aluminum Arm Retrofit Kit #113-2222

ITEM	PART #	DESCRIPTION	QTY
1	501-1118	Arm System Pullrod Connection	2
2	503-3713	3/8" - 16 x 2-1/2"lg. HHCS Bolt	2
3	503-3709	3/8" - 16 x 2"lg. HHCS Bolt	2
4	504-3702	3/8" - 16 Nyloc Nut	6
5	501-1217	Aluminum Lower Arm Tube	2
6	501-1195	Pivot Assembly	2
7	503-5003	1/2" - 13 x 1"lg. HHCS Bolt	2

Arm Options

ITEM	PART #	DESCRIPTION	QTY
8	501-1211	Upper Arm Tubing-Drilled	2
9	501-1214	Aluminum Upper Arm with Bend (Optional - Sold Separately)	2

REV. 10/21/16 WLH



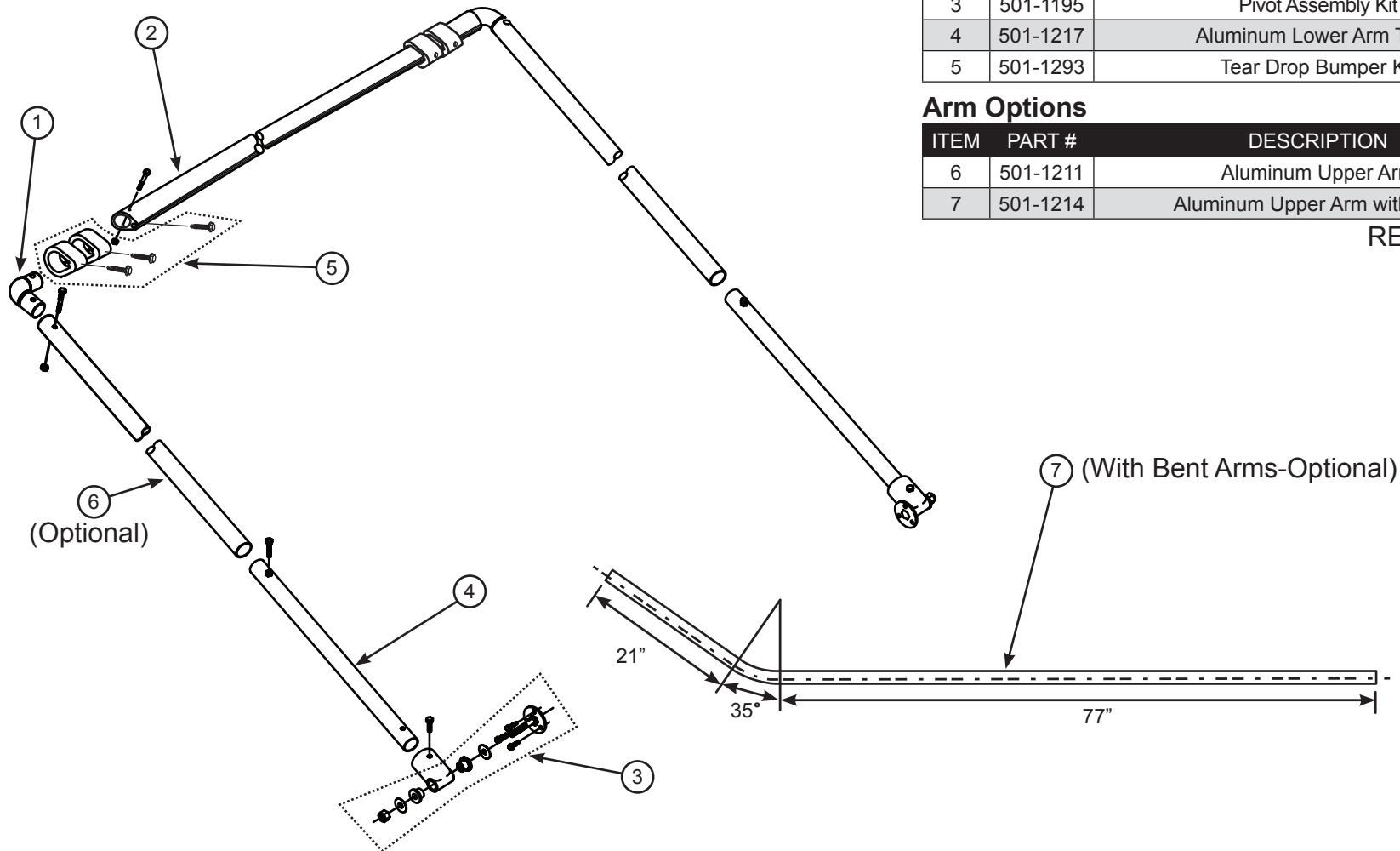
Aluminum Manual Arm Kits #113-2224, #113-2225

ITEM	PART #	DESCRIPTION	QTY
1	501-0791	Elbow Kit for Aluminum with Tear Drop	1
2	501-0430	Universal Tear Drop Pullbar	1
3	501-1195	Pivot Assembly Kit	2
4	501-1217	Aluminum Lower Arm Tube	2
5	501-1293	Tear Drop Bumper Kit	1

Arm Options

ITEM	PART #	DESCRIPTION	QTY
6	501-1211	Aluminum Upper Arm	2
7	501-1214	Aluminum Upper Arm with Bend	2

REV. 10/21/16 WLH





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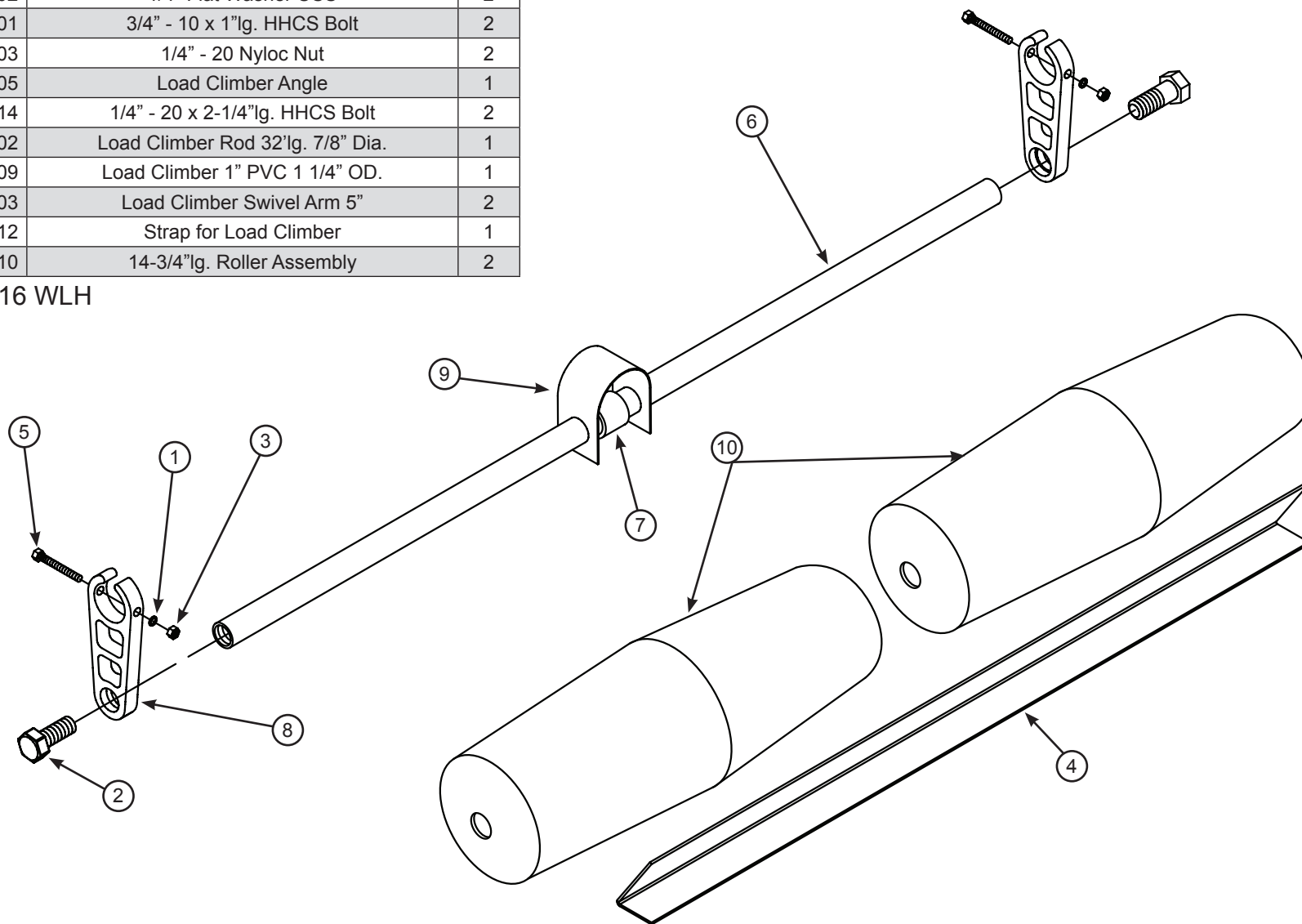
1404 N. Marshall Ave. El Cajon CA. 92020

Pulltarps System Options

Optional Load Climber #501-0901

ITEM	PART #	DESCRIPTION	QTY
1	505-2502	1/4" Flat Washer USS	2
2	503-7501	3/4" - 10 x 1"lg. HHCS Bolt	2
3	504-2503	1/4" - 20 Nyloc Nut	2
4	501-0905	Load Climber Angle	1
5	503-2514	1/4" - 20 x 2-1/4"lg. HHCS Bolt	2
6	501-0902	Load Climber Rod 32'lg. 7/8" Dia.	1
7	501-0909	Load Climber 1" PVC 1 1/4" OD.	1
8	501-0903	Load Climber Swivel Arm 5"	2
9	501-0912	Strap for Load Climber	1
10	501-0910	14-3/4"lg. Roller Assembly	2

REV. 10/14/16 WLH





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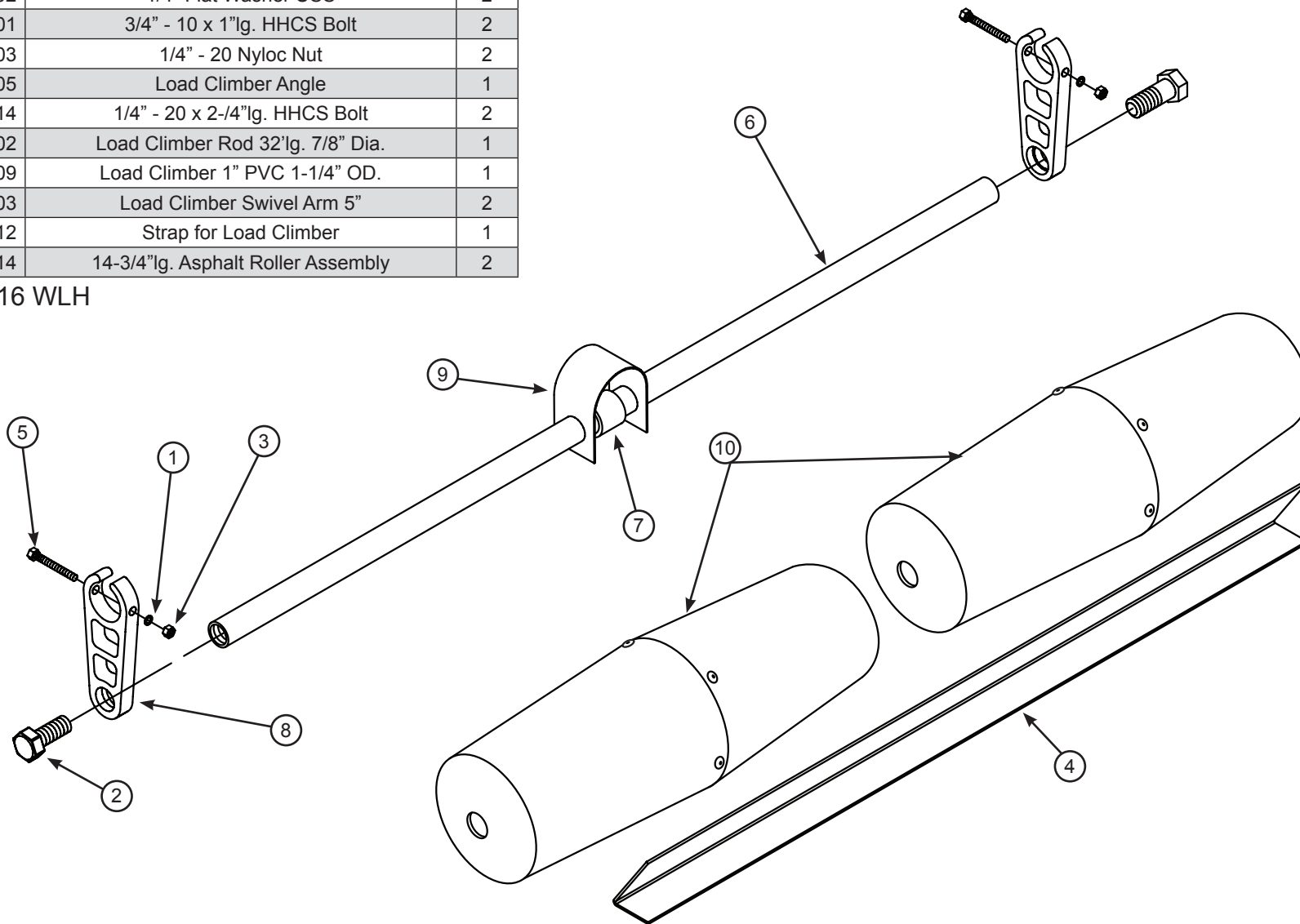
1404 N. Marshall Ave. El Cajon CA. 92020

Pulltarps System Options

ITEM	PART #	DESCRIPTION	QTY
1	505-2502	1/4" Flat Washer USS	2
2	503-7501	3/4" - 10 x 1"lg. HHCS Bolt	2
3	504-2503	1/4" - 20 Nyloc Nut	2
4	501-0905	Load Climber Angle	1
5	503-2514	1/4" - 20 x 2-1/4"lg. HHCS Bolt	2
6	501-0902	Load Climber Rod 32'lg. 7/8" Dia.	1
7	501-0909	Load Climber 1" PVC 1-1/4" OD.	1
8	501-0903	Load Climber Swivel Arm 5"	2
9	501-0912	Strap for Load Climber	1
10	501-0914	14-3/4"lg. Asphalt Roller Assembly	2

Optional Asphalt Load Climber #501-0913

REV. 10/14/16 WLH

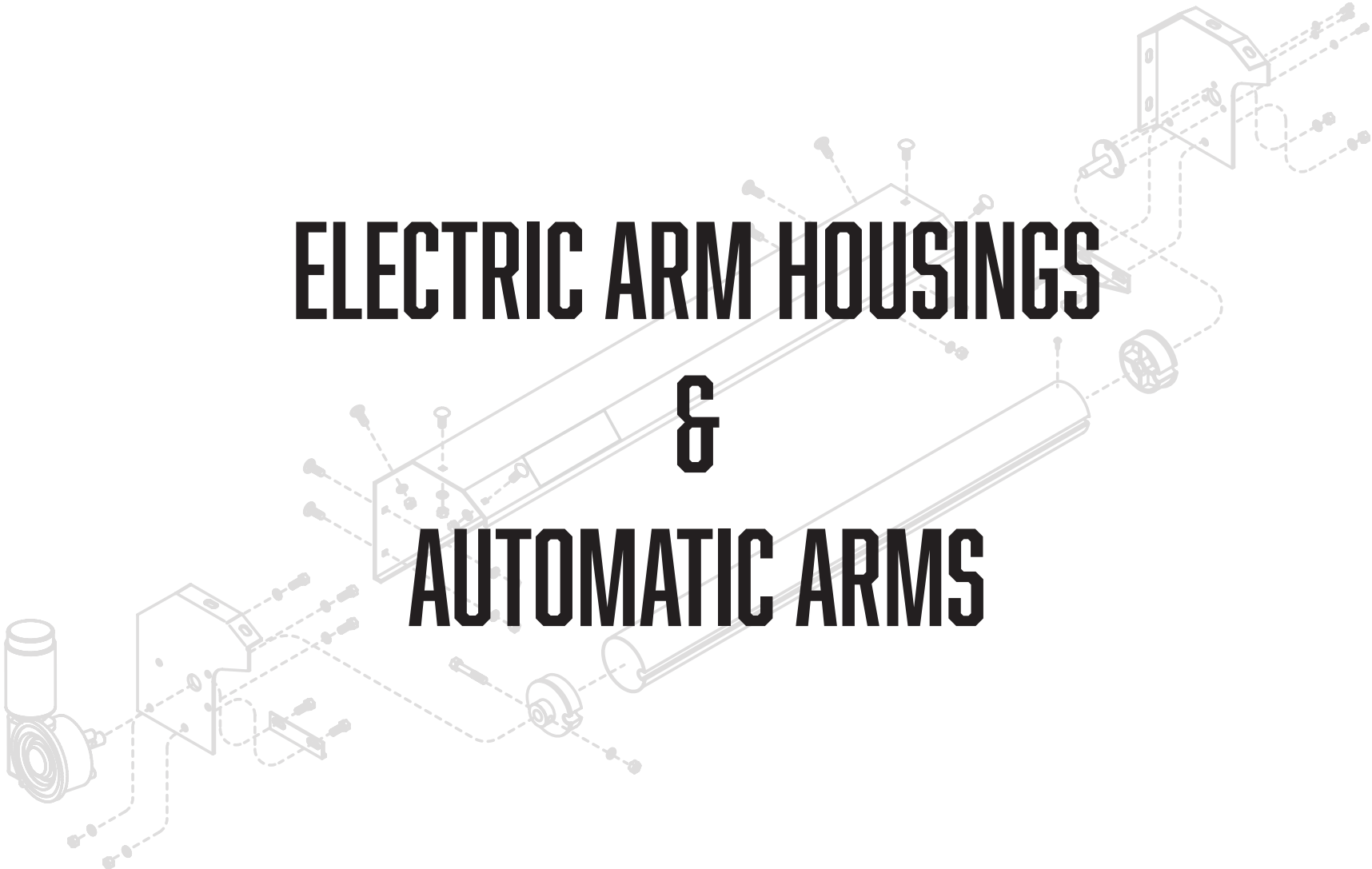




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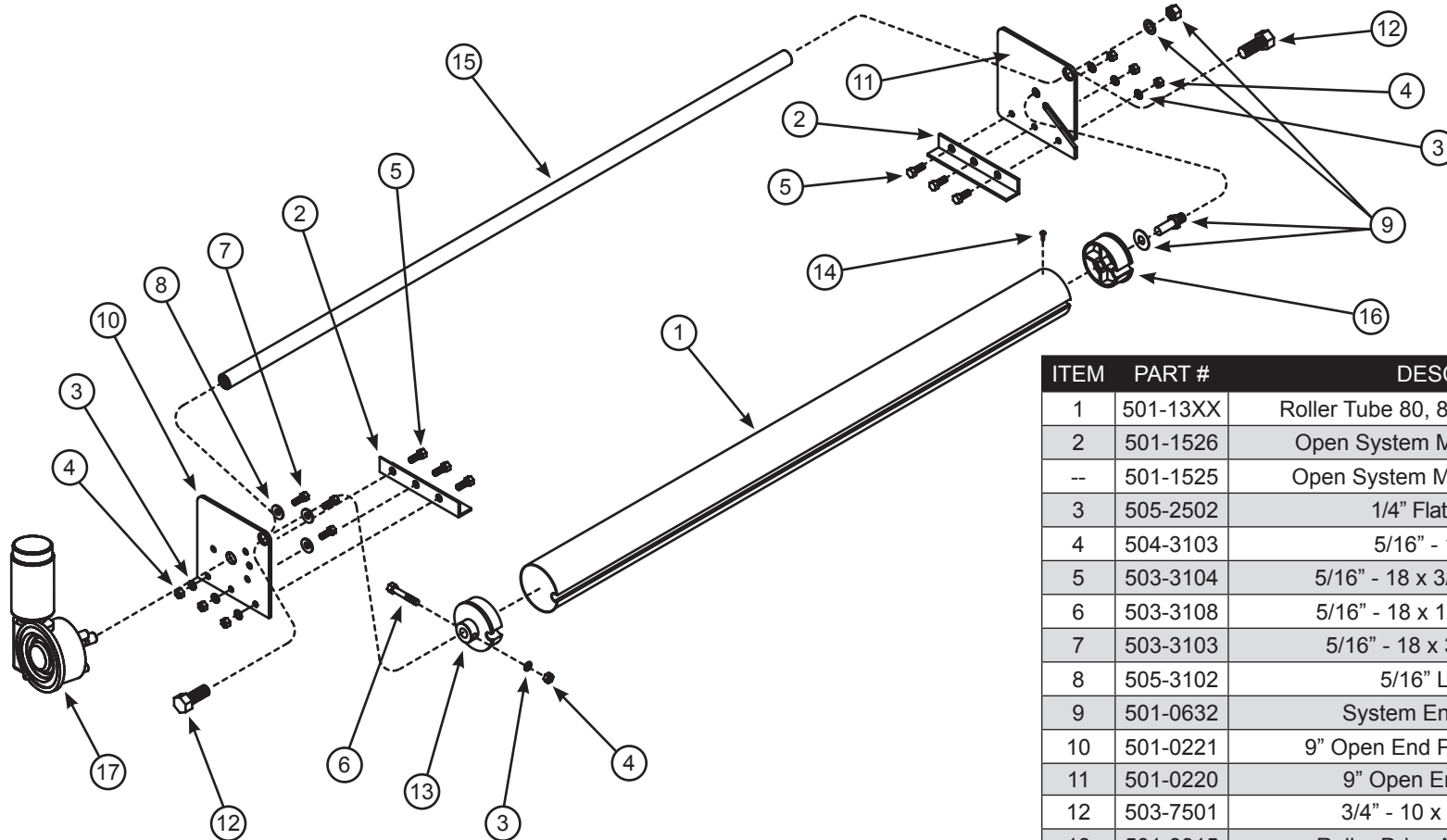
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Electric Arm Housings & Automatic Arms



ELECTRIC ARM HOUSINGS & AUTOMATIC ARMS

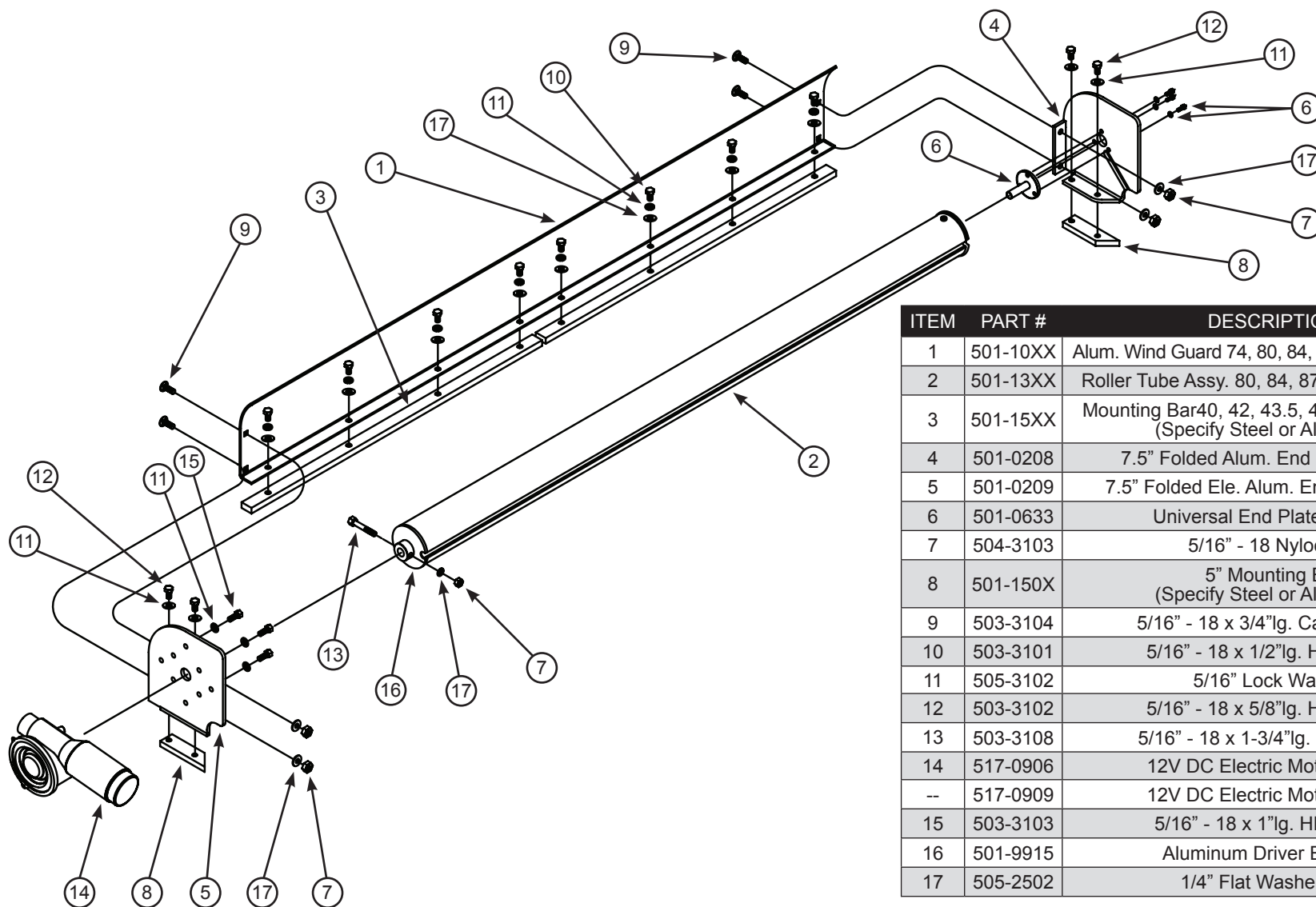
9" Open Electric Arm System #201-0215



ITEM	PART #	DESCRIPTION	QTY
1	501-13XX	Roller Tube 80, 84, 87, 89, 93, 96, 100"	1
2	501-1526	Open System Mount Bracket (Steel)	2
--	501-1525	Open System Mount Bracket (Alum.)	2
3	505-2502	1/4" Flat Washer USS	7
4	504-3103	5/16" - 18 Nyloc Nut	7
5	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	6
6	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
7	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	3
8	505-3102	5/16" Lock Washer	3
9	501-0632	System End Plate Stud Kit	1
10	501-0221	9" Open End Plate, Electric (Drv.)	1
11	501-0220	9" Open End Plate (Pass.)	1
12	503-7501	3/4" - 10 x 1"lg. HHCS Bolt	2
13	501-9915	Roller Drive Aluminum End Cap	1
14	506-9916	Screw #8 - 18 x 3/4" Self Drilling	1
15	501-980X	Spacer Rod 7/8" - 80, 84, 87, 89, 93, 96, 100"	1
16	517-0102	Flanged End Cap	1
17	517-0906	1.1HP 12V DC Electric Motor	1
--	517-0909	1.3HP 12V DC Electric Motor	1

REV. 10/21/16 WLH

7" Aluminum Electric Arm System #204-0215



ITEM	PART #	DESCRIPTION	QTY
1	501-10XX	Alum. Wind Guard 74, 80, 84, 87, 89, 96, 96, 100"	1
2	501-13XX	Roller Tube Assy. 80, 84, 87, 89, 93, 96, 100"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48, 50" (Specify Steel or Aluminum)	2
4	501-0208	7.5" Folded Alum. End Plate (Pass.)	1
5	501-0209	7.5" Folded Ele. Alum. End Plate (Drvr.)	1
6	501-0633	Universal End Plate Stud Kit	1
7	504-3103	5/16" - 18 Nyloc Nut	5
8	501-150X	5" Mounting Bar (Specify Steel or Aluminum)	2
9	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
10	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	8
11	505-3102	5/16" Lock Washer	15
12	503-3102	5/16" - 18 x 5/8"lg. HHCS Bolt	4
13	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
14	517-0906	12V DC Electric Motor 1.1 HP	1
--	517-0909	12V DC Electric Motor 1.3 HP	--
15	503-3103	5/16" - 18 x 1"lg. HHCS Bolt	3
16	501-9915	Aluminum Driver End Cap	1
17	505-2502	1/4" Flat Washer USS	13

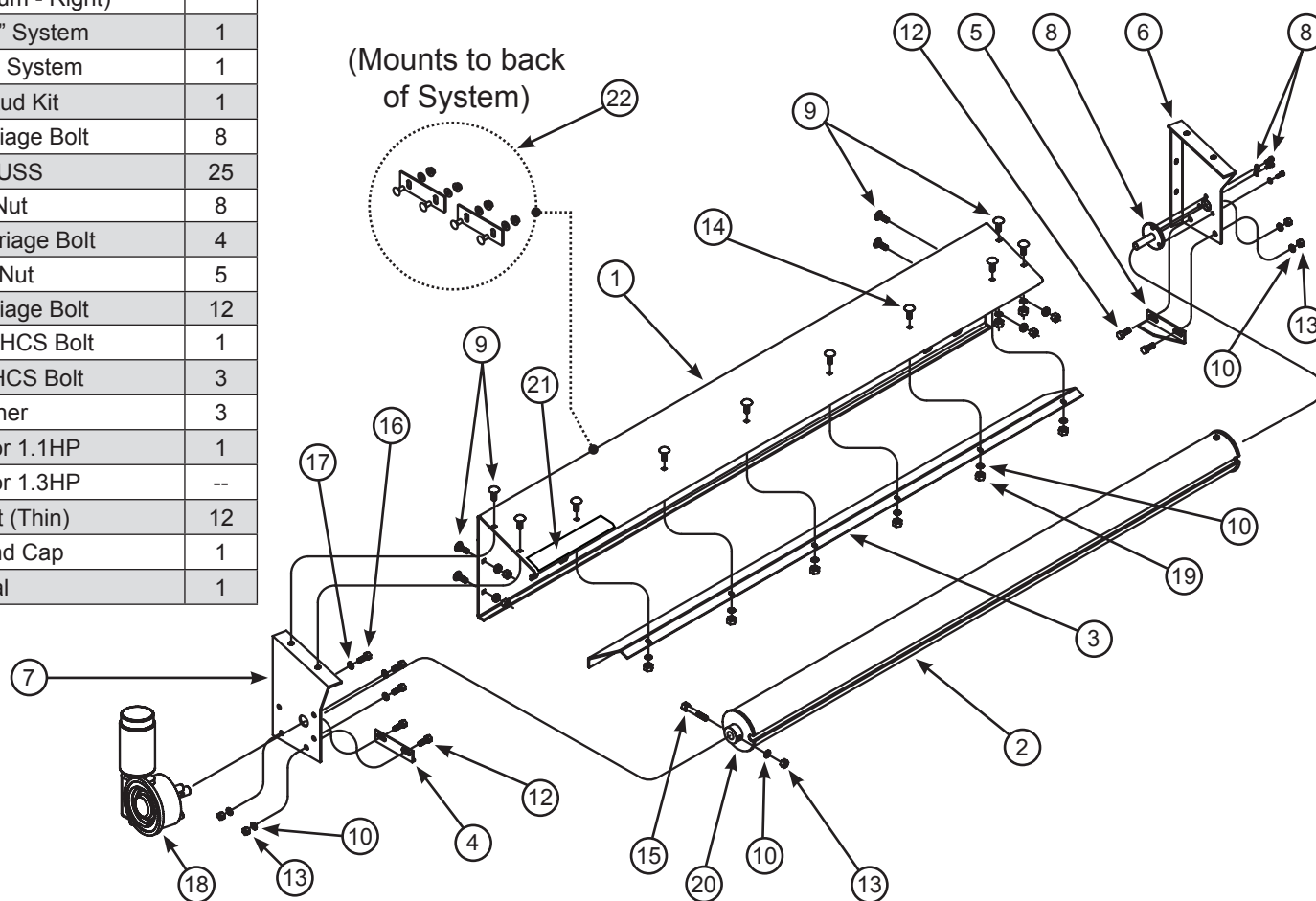
REV.11/15/16 WLH

ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	Galv. Steel Protector Hsg. 74, 80, 84, 87, 89, 96, 96, 100"	1
2	501-13XX	Roller Tube Assy. 80, 84, 87, 89, 93, 96, 100"	1
3	501-0138	48" x 5 1/2" Galvanized Insert	1
4	501-152X	System Mount Bracket (Specify Steel or Aluminum - Left)	1
5	501-152X	System Mount Bracket (Specify Steel or Aluminum - Right)	1
6	501-0254	Right End Plate for "N" System	1
7	501-0255	Electric End Plate "N" System	1
8	501-0633	Universal Bolt In Stud Kit	1
9	503-2505	1/4" - 20 x 3/4"lg. Carriage Bolt	8
10	505-2502	1/4" Flat Washer USS	25
11	504-2503	1/4" - 20 Nyloc Nut	8
12	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
13	504-3103	5/16" - 18 Nyloc Nut	5
14	503-2501	1/4" - 20 x 1/2"lg. Carriage Bolt	12
15	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
16	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	3
17	505-3102	5/16" Lock Washer	3
18	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP	--
19	504-2506	1/4" - 20 x Nyloc Nut (Thin)	12
20	501-9915	Driver Aluminum End Cap	1
21	607-0061	Pulltarps Decal	1

REV. 11/15/16 WLH

9" Steel Protector Electric Arm System #208-0215

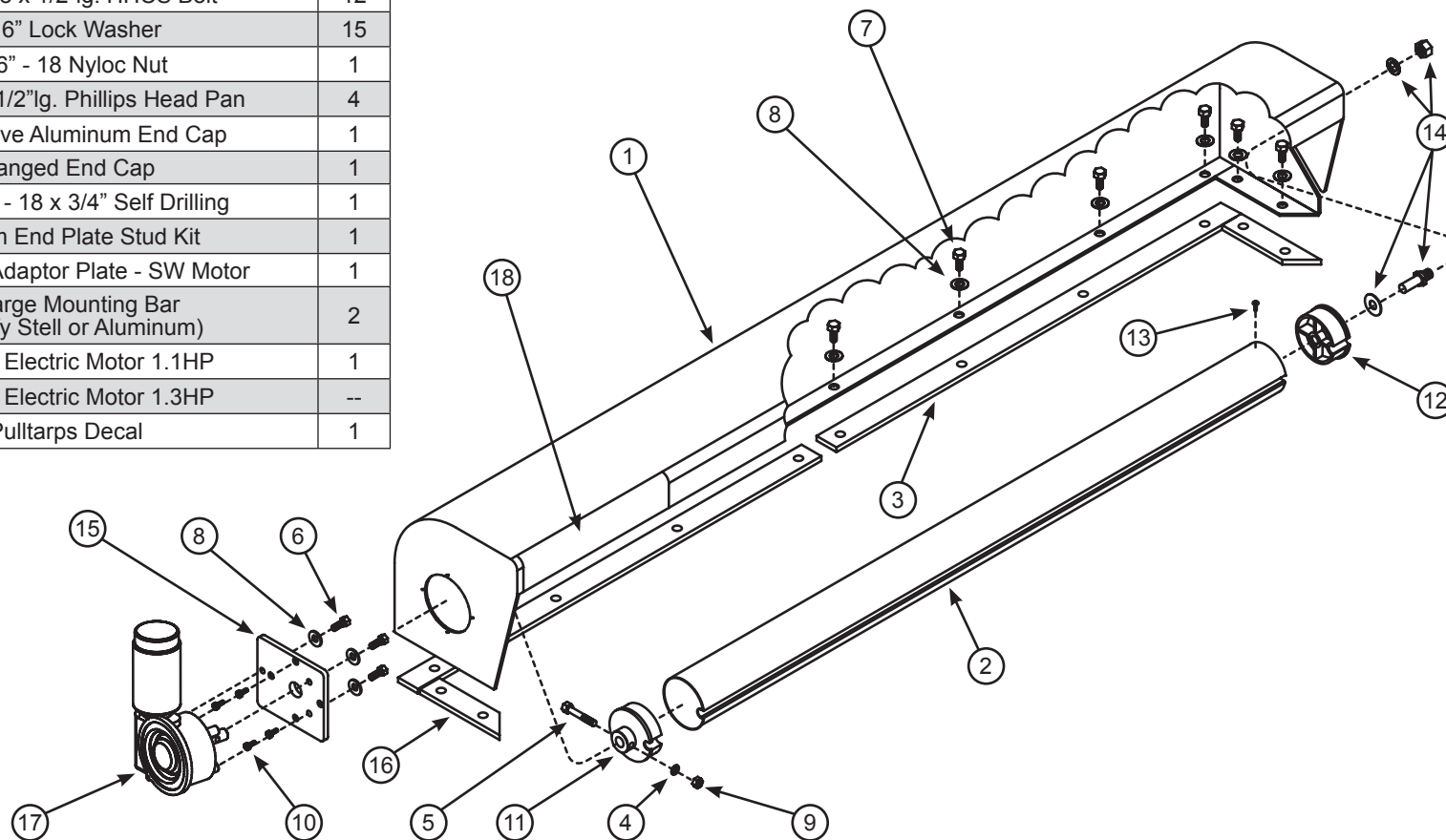
ITEM	PART #	DESCRIPTION	QTY
22	501-06XX	Steel Protector System Hardware (Specify Steel or Aluminum)	1



Universal Super Shield Electric Arm System #210-0215

ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	9.5" Super Shield Hsg. 80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Roller Tube Assy. 80, 84, 87, 89, 93, 96, 100"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48, 50" (Specify Steel or Aluminum)	2
4	505-2502	1/4" Flat Washer USS	1
5	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
6	503-3105	5/16" - 18 x 1"lg. HHCS Bolt	3
7	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	12
8	505-3102	5/16" Lock Washer	15
9	504-3103	5/16" - 18 Nyloc Nut	1
10	506-9905	#10 - 32 x 1/2"lg. Phillips Head Pan	4
11	501-9915	Roller Drive Aluminum End Cap	1
12	517-0102	Flanged End Cap	1
13	506-9916	Screw #8 - 18 x 3/4" Self Drilling	1
14	501-0632	System End Plate Stud Kit	1
15	501-1235	Aluminum Adaptor Plate - SW Motor	1
16	501-150X	6" Large Mounting Bar (Specify Steel or Aluminum)	2
17	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP	--
18	607-0061	Pulltarps Decal	1

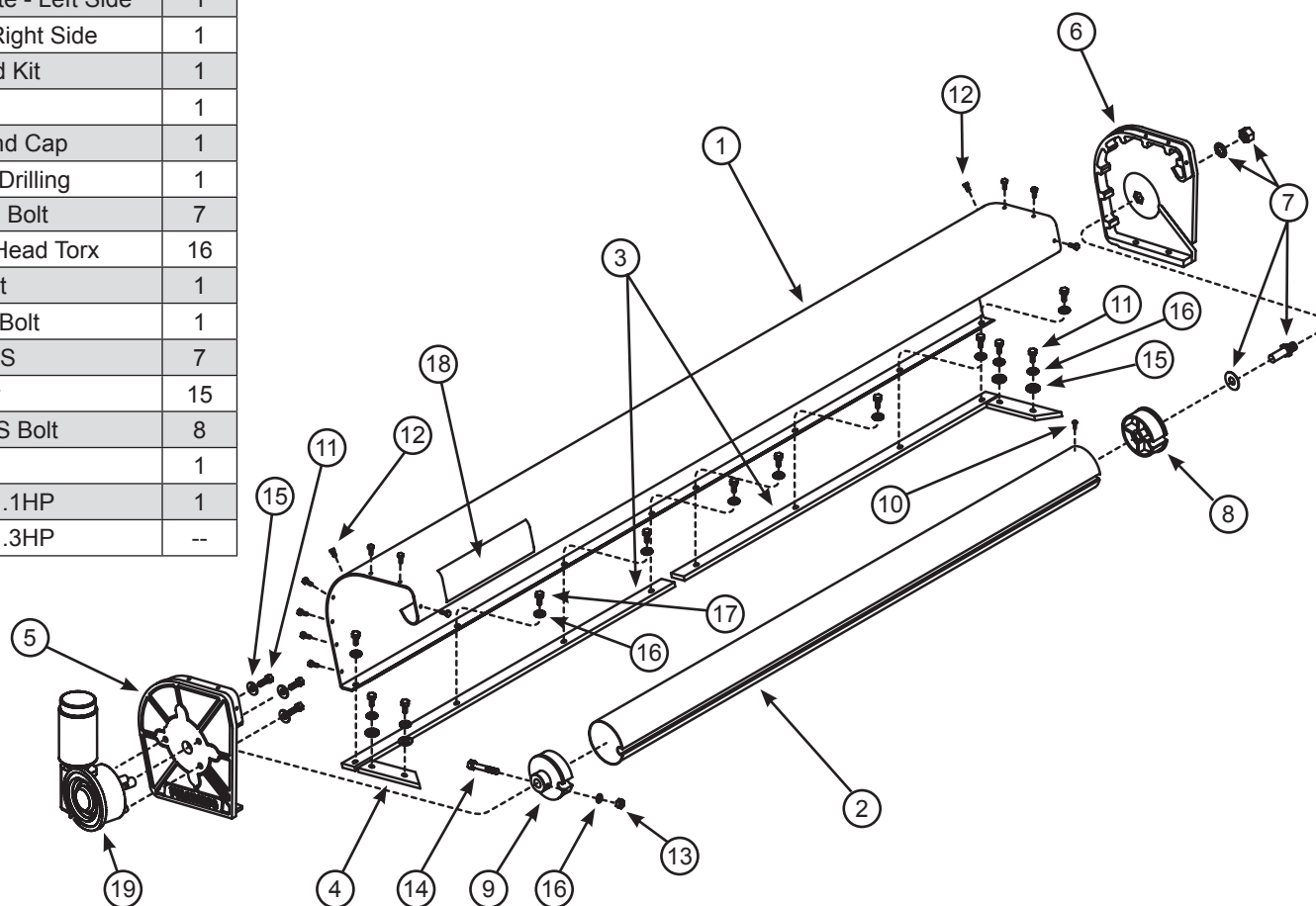
REV. 10/03/16 WLH



Ultimate Aluminum Housing Electric Arms System #213-0215

ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	Ultimate Aluminum Hsg. 80, 84, 87, 89, 93, 96"	1
2	501-13XX	Roller Tube Assy. 80, 84, 87, 89, 93, 96"	1
3	501-15XX	Mounting Bar 40, 42, 43.5, 44.5, 46.5, 48" (Specify Steel or Aluminum)	2
4	501-1506	6" Large Mounting Bar (Steel)	2
--	501-1505	6" Large Mounting Bar (Alum.)	--
5	501-0229	Electric Ultimate Alum. End Plate - Left Side	1
6	501-0228	Ultimate Alum. End Plate - Right Side	1
7	501-0803	System End Plate Stud Kit	1
8	517-0102	Flanged End Cap	1
9	501-9915	Roller Drive Aluminum End Cap	1
10	506-9916	Screw #8 - 18 x 3/4" Self Drilling	1
11	503-3105	5/16" - 18 x 1"lg. HHCS Bolt	7
12	503-2528	1/4" - 20 x 1/2"lg. SS Truss Head Torx	16
13	504-3103	5/16" - 18 Nyloc Nut	1
14	503-3108	5/16" - 18 x 1-3/4 Hex Bolt	1
15	505-2502	1/4" Flat Washer USS	7
16	505-3102	5/16" Lock Washer	15
17	503-3101	5/16" - 18 x 1/2"lg. HHCS Bolt	8
18	607-0061	Pulltarps Decal	1
19	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP	--

REV. 10/21/16 WLH

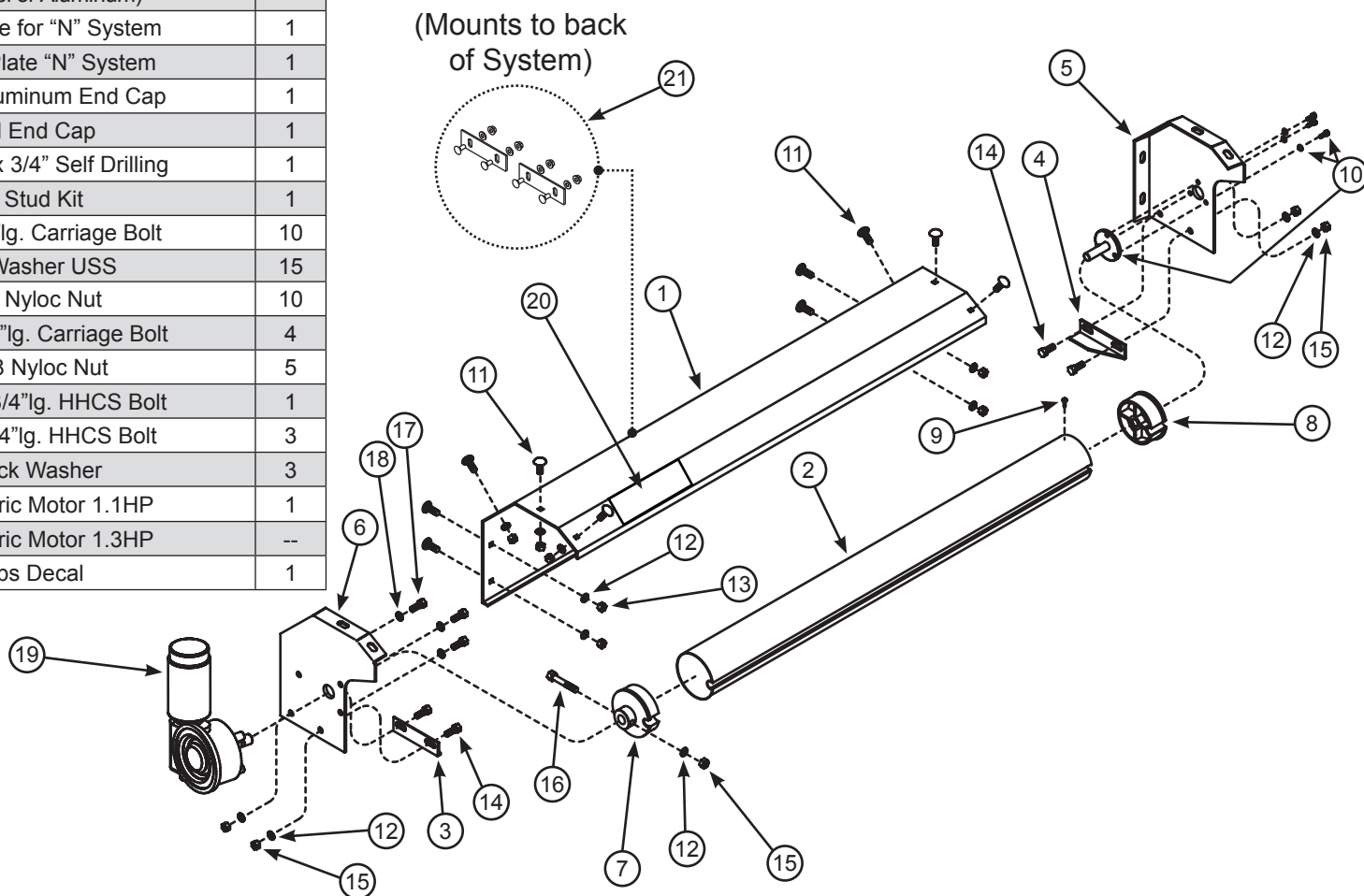


ITEM	PART #	DESCRIPTION	QTY
1	501-01XX	Steel Protector Plus Hsg. 80, 84, 87, 89, 93, 96, 100"	1
2	501-13XX	Roller Tube Assy. 80, 84, 87, 89, 93, 96, 100"	1
3	501-152X	System Mount Bracket (Left) (Specify Steel or Aluminum)	1
4	501-152X	System Mount Bracket (Right) (Specify Steel or Aluminum)	1
5	501-0240	Right End Plate for "N" System	1
6	501-0241	Electric End Plate "N" System	1
7	501-9915	Roller Drive Aluminum End Cap	1
8	517-0102	Flanged End Cap	1
9	506-9916	Screw #8 - 18 x 3/4" Self Drilling	1
10	501-0633	Bolt-In Stud Kit	1
11	503-2505	1/4" - 20 x 3/4"lg. Carriage Bolt	10
12	505-2502	1/4" Flat Washer USS	15
13	504-2503	1/4" - 20 Nyloc Nut	10
14	503-3104	5/16" - 18 x 3/4"lg. Carriage Bolt	4
15	504-3103	5/16" - 18 Nyloc Nut	5
16	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
17	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	3
18	505-3102	5/16" Lock Washer	3
19	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP	--
20	607-0061	Pulltarps Decal	1

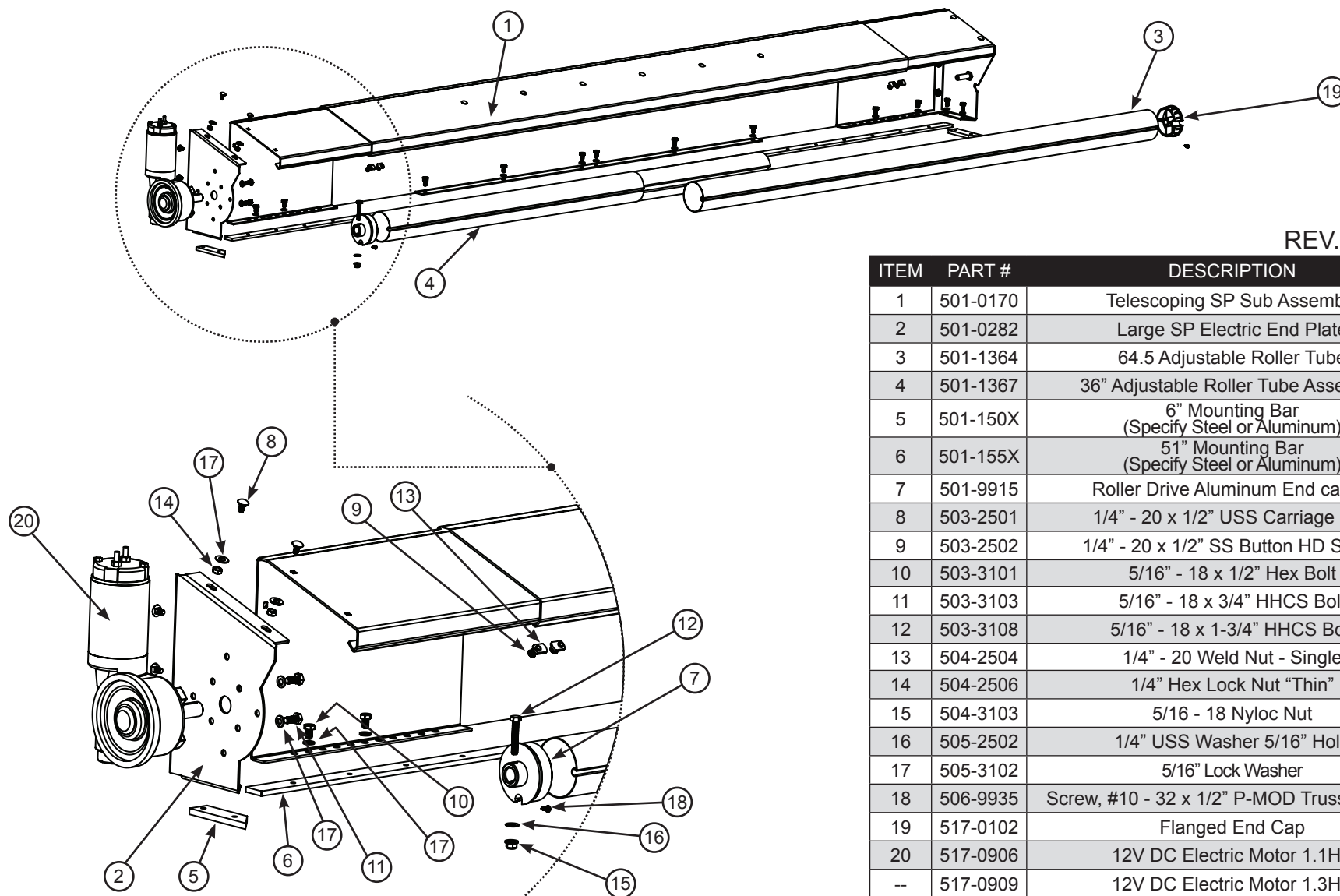
REV. 04/21/17 WLH

Steel Protector Plus Electric Arms System #217-0215

ITEM	PART #	DESCRIPTION	QTY
21	501-06XX	Steel Protector System Hardware (Specify Steel or Aluminum)	1

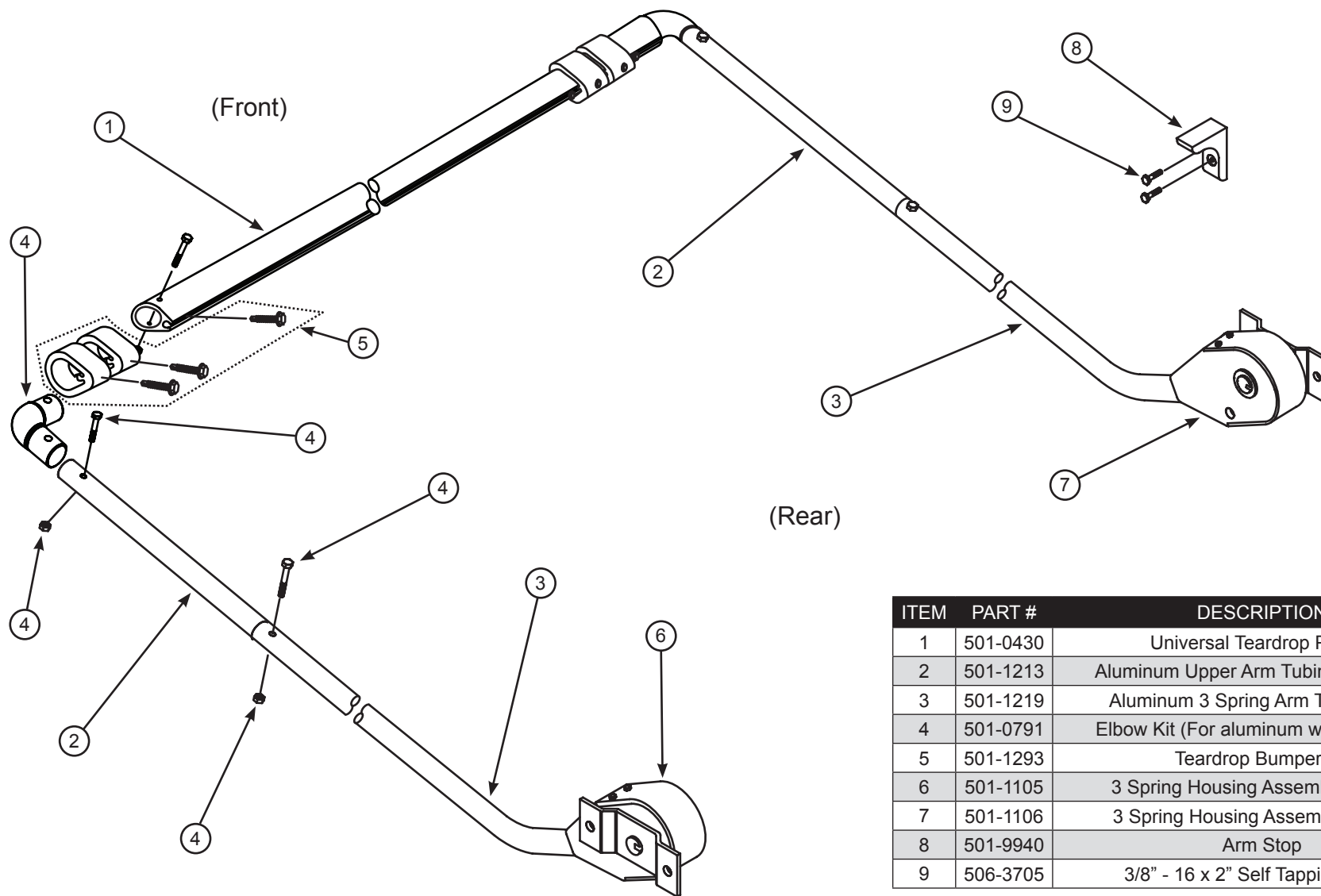


Electric Adjustable Steel Protector #218-0215



REV.11/15/16 WLH

ITEM	PART #	DESCRIPTION	QTY
1	501-0170	Telescoping SP Sub Assembly	1
2	501-0282	Large SP Electric End Plate	1
3	501-1364	64.5 Adjustable Roller Tube	1
4	501-1367	36" Adjustable Roller Tube Assembly	1
5	501-150X	6" Mounting Bar (Specify Steel or Aluminum)	2
6	501-155X	51" Mounting Bar (Specify Steel or Aluminum)	2
7	501-9915	Roller Drive Aluminum End cap 3"	1
8	503-2501	1/4" - 20 x 1/2" USS Carriage Bolt	5
9	503-2502	1/4" - 20 x 1/2" SS Button HD Screw	4
10	503-3101	5/16" - 18 x 1/2" Hex Bolt	14
11	503-3103	5/16" - 18 x 3/4" HHCS Bolt	3
12	503-3108	5/16" - 18 x 1-3/4" HHCS Bolt	1
13	504-2504	1/4" - 20 Weld Nut - Single	4
14	504-2506	1/4" Hex Lock Nut "Thin"	5
15	504-3103	5/16 - 18 Nyloc Nut	1
16	505-2502	1/4" USS Washer 5/16" Hole	6
17	505-3102	5/16" Lock Washer	17
18	506-9935	Screw, #10 - 32 x 1/2" P-MOD Truss Self Drl.	3
19	517-0102	Flanged End Cap	1
20	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP	--



ITEM	PART #	DESCRIPTION	QTY
1	501-0430	Universal Teardrop Pullrod	1
2	501-1213	Aluminum Upper Arm Tubing, 51-3/8"lg.	2
3	501-1219	Aluminum 3 Spring Arm Tube, 55"lg.	2
4	501-0791	Elbow Kit (For aluminum with Teardrop)	2
5	501-1293	Teardrop Bumper Kit	1
6	501-1105	3 Spring Housing Assembly (Driver)	1
7	501-1106	3 Spring Housing Assembly (Pass.)	1
8	501-9940	Arm Stop	2
9	506-3705	3/8" - 16 x 2" Self Tapping Screw	4

REV. 10/21/16 WLH

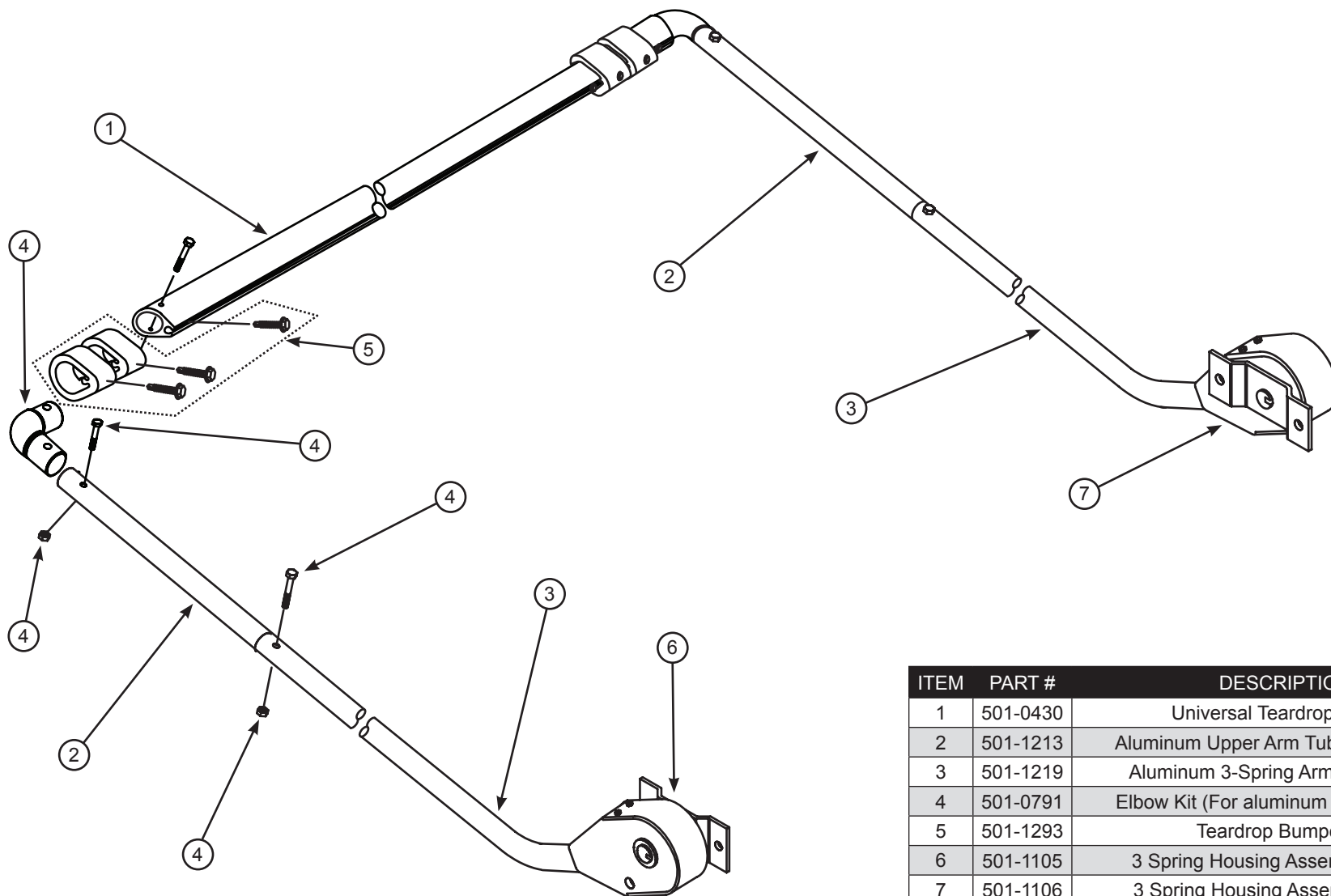


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1404 N. Marshall Ave. El Cajon CA. 92020

Electric Arm Housings & Automatic Arms

High Mount Arm System #501-1781



ITEM	PART #	DESCRIPTION	QTY
1	501-0430	Universal Teardrop Pullrod	1
2	501-1213	Aluminum Upper Arm Tubing, 51-3/8"lg.	2
3	501-1219	Aluminum 3-Spring Arm Tube, 55"lg.	2
4	501-0791	Elbow Kit (For aluminum with Teardrop)	2
5	501-1293	Teardrop Bumper Kit	1
6	501-1105	3 Spring Housing Assembly (Driver)	1
7	501-1106	3 Spring Housing Assembly (Pass.)	1

REV. 10/21/16 WLH



Electric Arm Housings & Automatic Arms

This diagram shows an exploded view of a mechanical assembly. The components are numbered as follows:

- 1: Small cylindrical pin or bush.
- 2: Small cylindrical pin or bush.
- 3: Small cylindrical pin or bush.
- 4: Small cylindrical pin or bush.
- 5: Small cylindrical pin or bush.
- 6: Small cylindrical pin or bush.
- 7: Small cylindrical pin or bush.
- 8: Small cylindrical pin or bush.
- 9: Small cylindrical pin or bush.
- 10: Small cylindrical pin or bush.
- 11: Small cylindrical pin or bush.
- 12: Small cylindrical pin or bush.
- 13: Small cylindrical pin or bush.
- 14: Small cylindrical pin or bush.

ITEM	PART #	DESCRIPTION	QTY
1	505-5001	1/2" AN Flat Washer	2
2	505-2502	1/4" Flat Washer USS	4
3	503-5008	1/2" - 13 x 3/4" Set Screw	2
4	504-5004	1/2" - 13 Nyloc Nut	1
5	503-5011	1/2" - 13 x 3-1/4"lg. HHCS Bolt	1
6	506-0101	1-1/4" Snap Ring	1
7	505-9904	Washer, W/Tang 1-7/8"	1
8	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	4
9	501-1158	Spring Connection - Arm System	1
10	501-1123	Pivot Assembly Inside Tran.	1
11	501-1109	Spring Side Plate Assembly	1
12	517-9921	Small Spring for Arm System	3
13	501-1151	Arm Dust Cover	1
14	501-1155	UHMW Pivot Retainer 2-1/2" Dia.	2

REV. 10/13/16 WLH



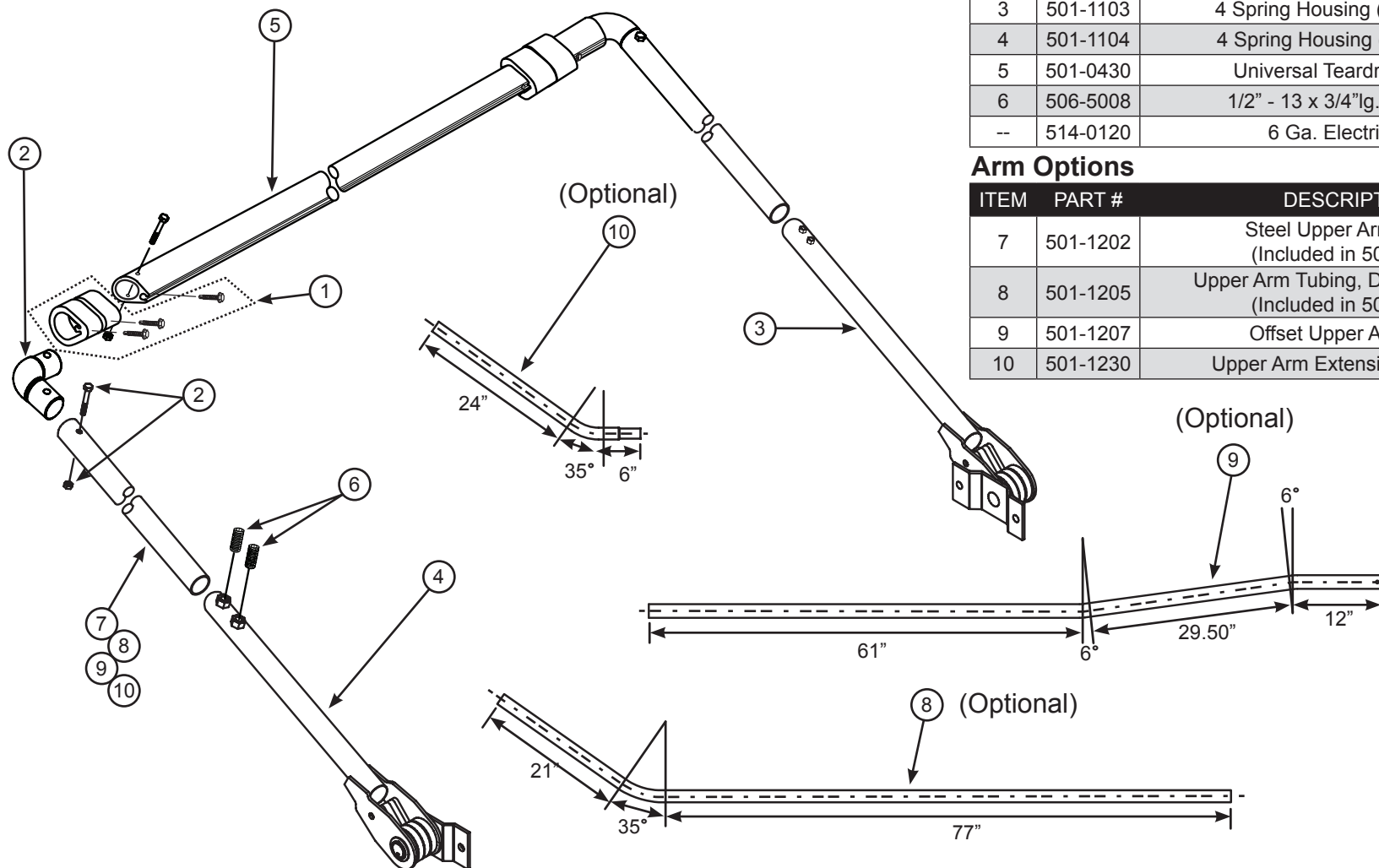
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1404 N. Marshall Ave. El Cajon CA. 92020

Electric Arm Housings & Automatic Arms

Steel Arms to 22' #501-0749, 501-0782

(Illustration view shown looking from Passenger Side to Rear of Vehicle.)



ITEM	PART #	DESCRIPTION	QTY
1	501-1293	Teardrop Bumper Kit	1
2	501-1251	Elbow Kit (For Steel)	1
3	501-1103	4 Spring Housing (Driver Side)	1
4	501-1104	4 Spring Housing (Pass. Side)	1
5	501-0430	Universal Teardrop Pullrod	1
6	506-5008	1/2" - 13 x 3/4"lg. Set Screw	4
--	514-0120	6 Ga. Electric Wire	60'

Arm Options

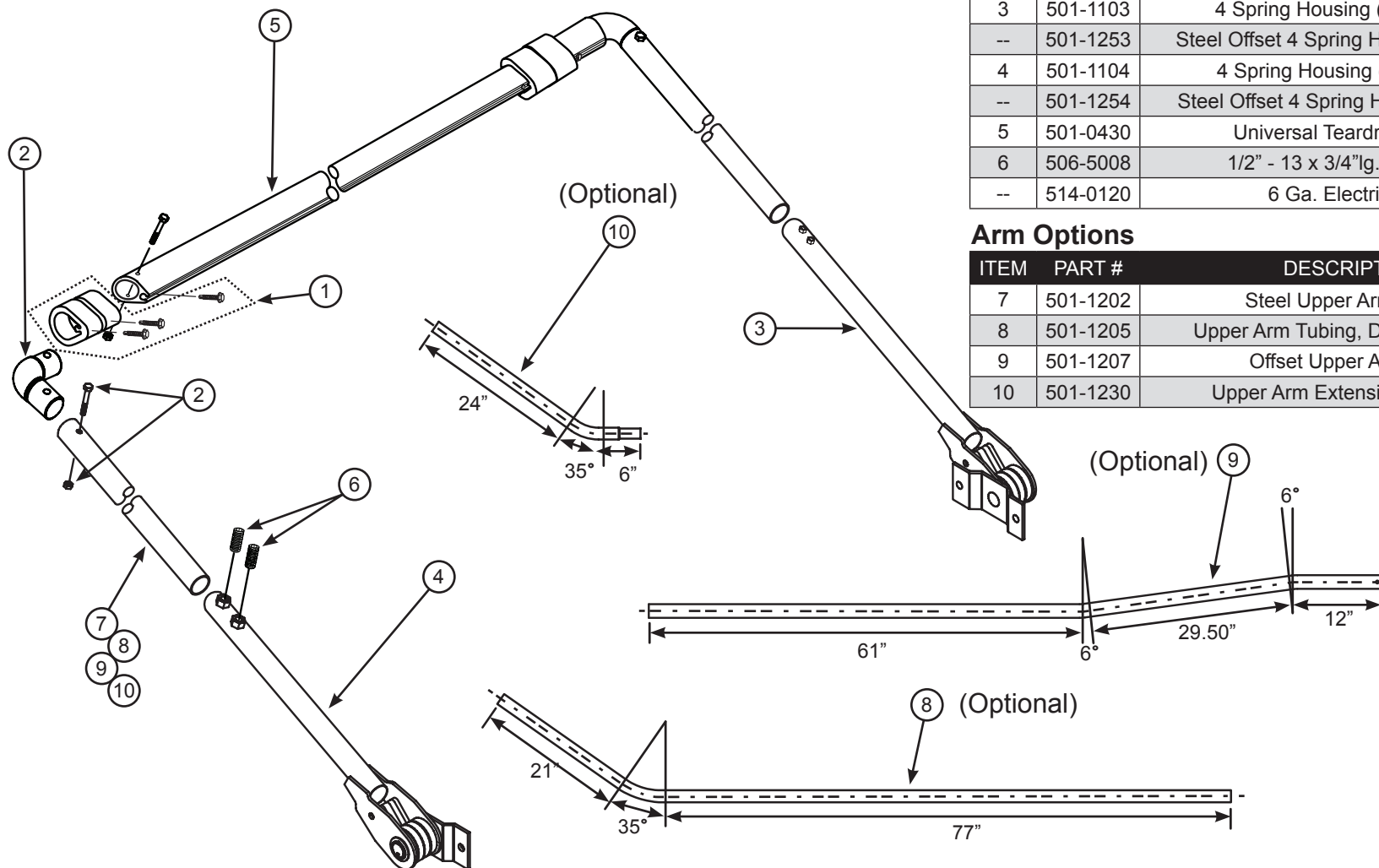
ITEM	PART #	DESCRIPTION	QTY
7	501-1202	Steel Upper Arm Tubing (Included in 501-0782)	2
8	501-1205	Upper Arm Tubing, Drilled and Bent (Included in 501-0749)	2
9	501-1207	Offset Upper Arm Tube	2
10	501-1230	Upper Arm Extension, Bent-35°	2

REV. 01/03/17 WLH

Electric Arm Housings & Automatic Arms

Steel Arms to 22' #501-0750, 501-0751

(Illustration view shown looking from Passenger Side to Rear of Vehicle.)



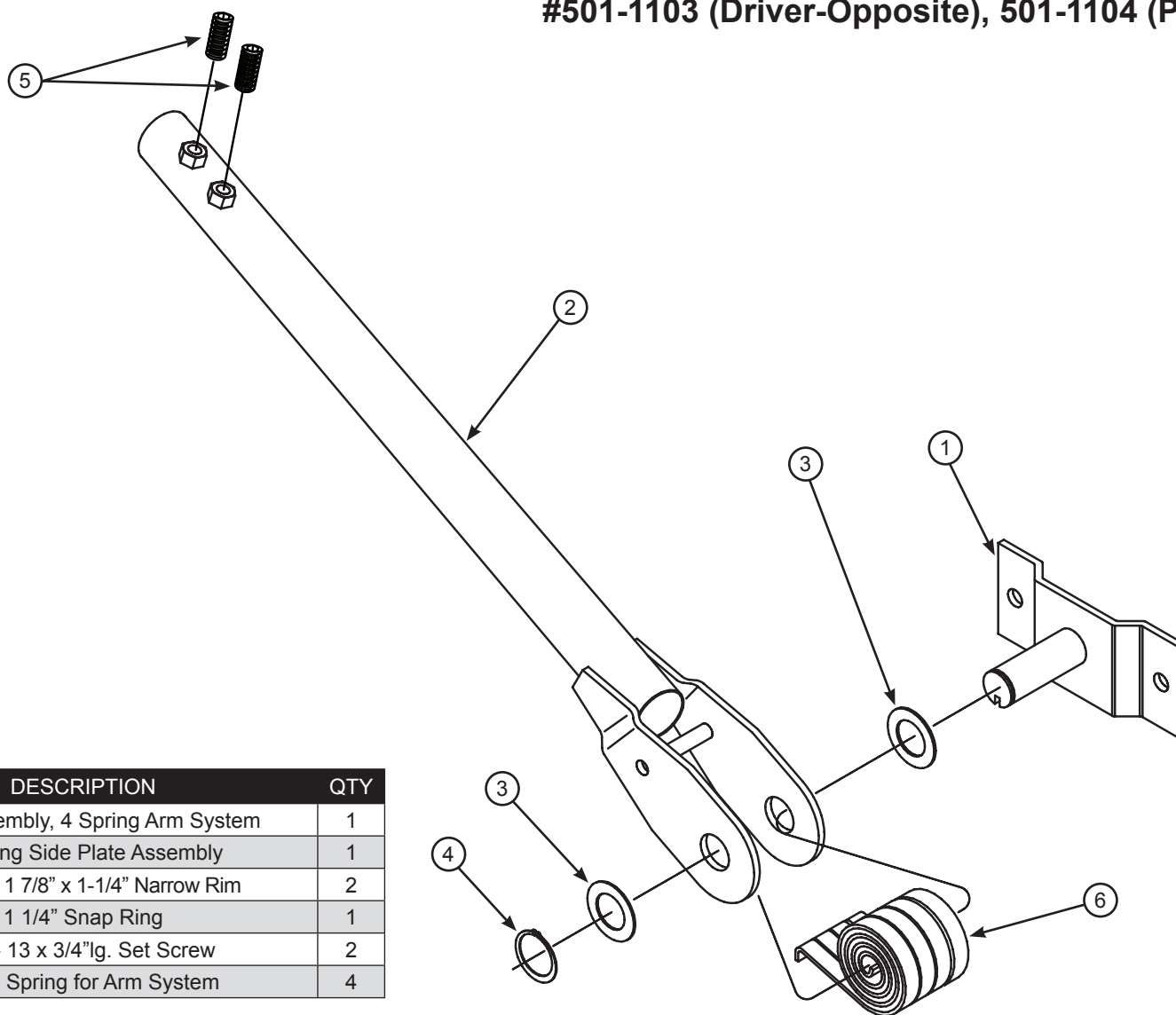
ITEM	PART #	DESCRIPTION	QTY
1	501-1293	Teardrop Bumper Kit	1
2	501-1251	Elbow Kit (For Steel)	1
3	501-1103	4 Spring Housing (Driver Side)	1
--	501-1253	Steel Offset 4 Spring Hsg. (Driver Side)	1
4	501-1104	4 Spring Housing (Pass. Side)	1
--	501-1254	Steel Offset 4 Spring Hsg. (Pass. Side)	1
5	501-0430	Universal Teardrop Pullrod	1
6	506-5008	1/2" - 13 x 3/4"lg. Set Screw	4
--	514-0120	6 Ga. Electric Wire	60'

Arm Options

ITEM	PART #	DESCRIPTION	QTY
7	501-1202	Steel Upper Arm Tubing	2
8	501-1205	Upper Arm Tubing, Drilled and Bent	2
9	501-1207	Offset Upper Arm Tube	2
10	501-1230	Upper Arm Extension, Bent-35°	2

REV. 01/03/17 WLH

4 Spring Housing Assembly
#501-1103 (Driver-Opposite), 501-1104 (Pass.-Shown)

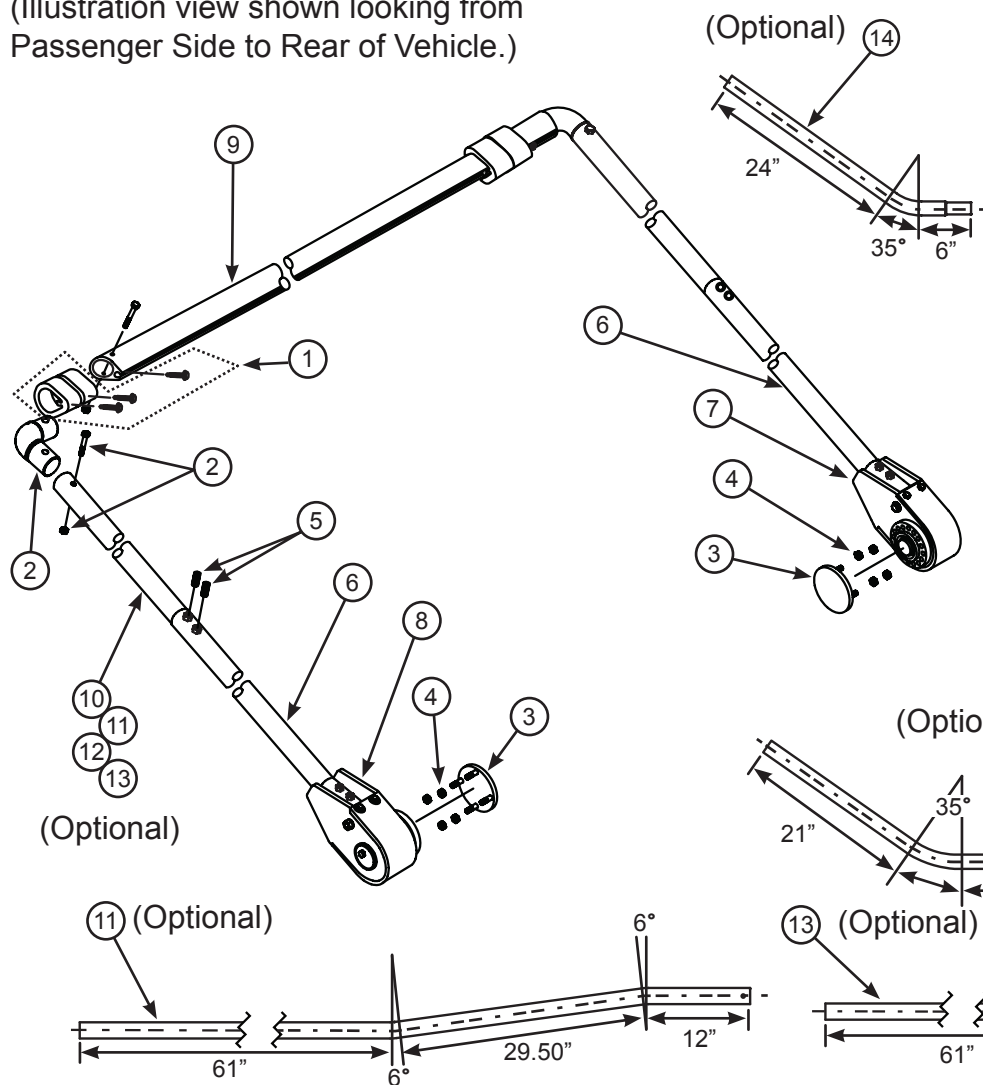


ITEM	PART #	DESCRIPTION	QTY
1	501-1121	Pivot Assembly, 4 Spring Arm System	1
2	501-1110	4 Spring Side Plate Assembly	1
3	501-1162	Washer, 1 7/8" x 1-1/4" Narrow Rim	2
4	506-0101	1 1/4" Snap Ring	1
5	503-5008	1/2" - 13 x 3/4"lg. Set Screw	2
6	517-9921	Small Spring for Arm System	4

REV. 10/13/16 WLH

Single Spring Pivots with Steel Arms #501-0713, 501-1763

(Illustration view shown looking from Passenger Side to Rear of Vehicle.)

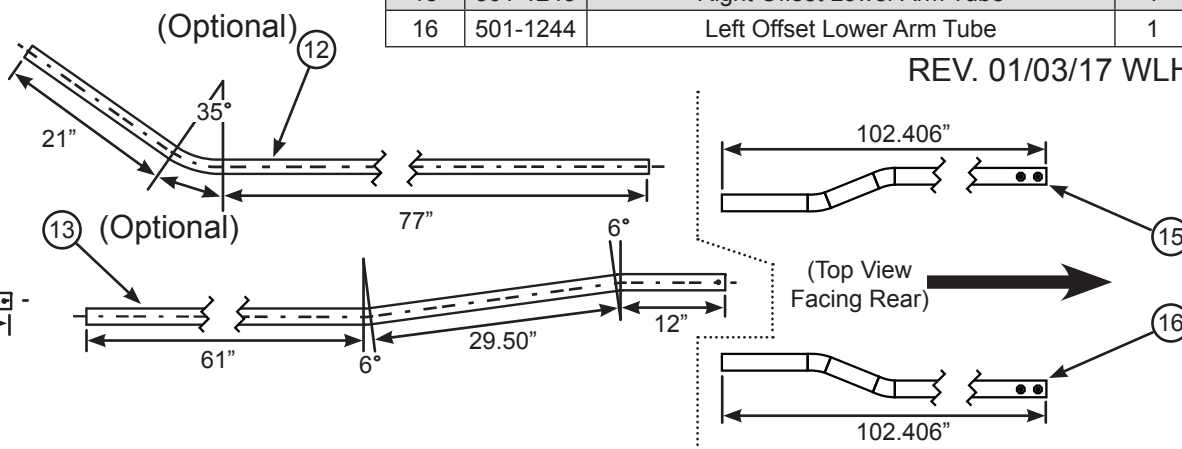


ITEM	PART #	DESCRIPTION	QTY
1	501-1293	Teardrop Bumper Kit	1
2	501-1251	Elbow Kit (For Steel)	1
3	501-2237	4" Arm Adaptor Plate Assembly	2
4	504-3705	3/8" - 16 Nyloc Nut (Thin)	8
5	506-5008	1/2" - 13 x 3/4"lg. Set Screw	4
6	501-1201	Lower Arm with Nuts	2
7	501-1101	Single Spring Housing (Driver)	1
8	501-1102	Single Spring Housing (Passenger)	1
9	501-0430	Universal Teardrop Pullbar	1
--	514-0213	6Ga. Electric Wire	90'

Arm Options

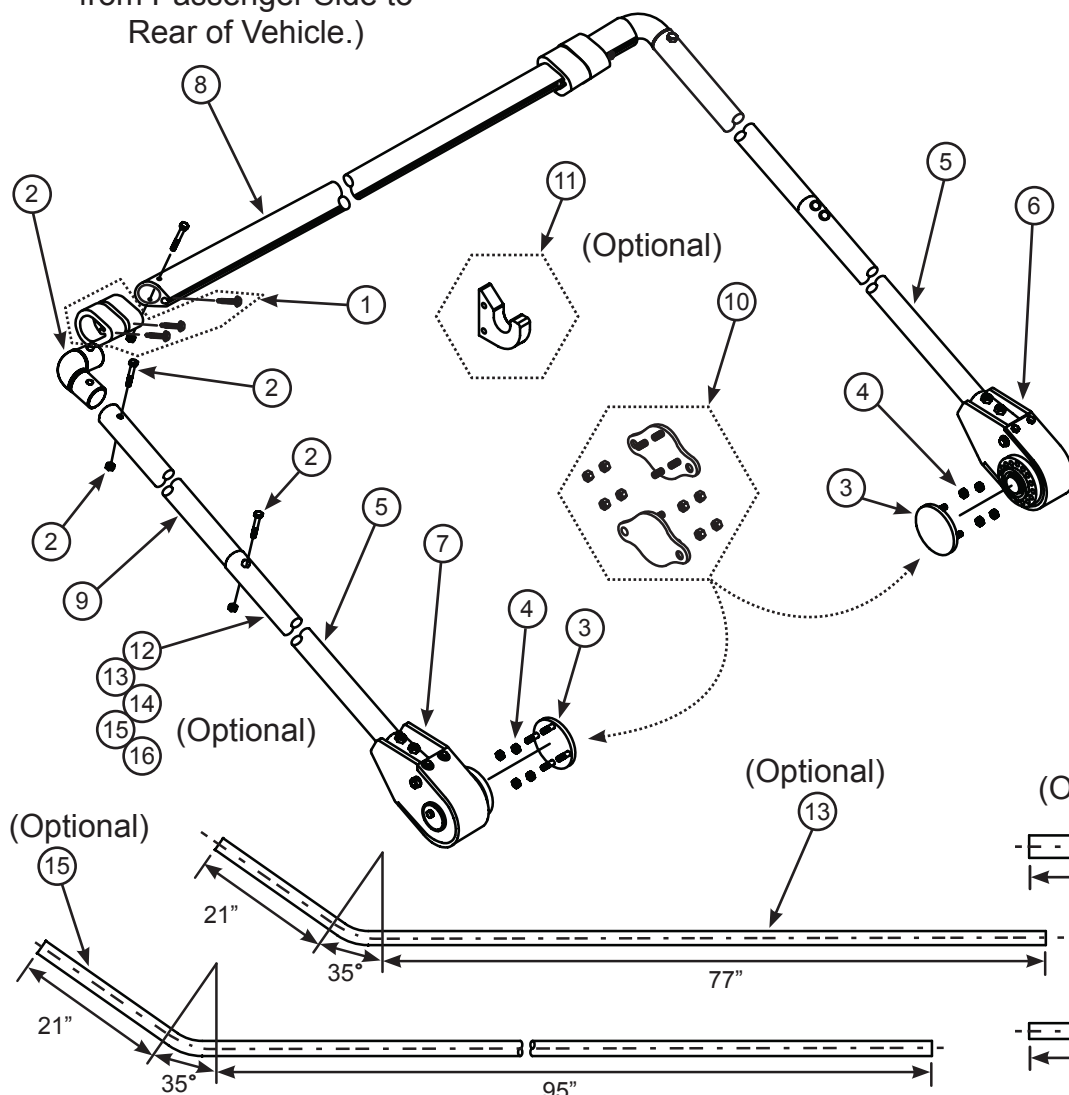
ITEM	PART #	DESCRIPTION	QTY
10	501-1202	Steel Upper Arm Tubing	2
11	501-1204	Offset Upper Arm Tube	2
12	501-1205	Upper Arm Tubing, Drilled and Bent	2
13	501-1207	Offset Upper Arm Tube	2
14	501-1230	Upper Arm Extension, Bent-35°	2
15	501-1243	Right Offset Lower Arm Tube	1
16	501-1244	Left Offset Lower Arm Tube	1

REV. 01/03/17 WLH



**Single Spring Pivots w/Aluminum Arms #501-0714, 501-0731, 501-1764, 501-1765 (No Wire)
#501-0764, 501-0765, 501-0785, 501-0786 (With Wire 90' & 100')**

(Illustration view shown looking
from Passenger Side to
Rear of Vehicle.)

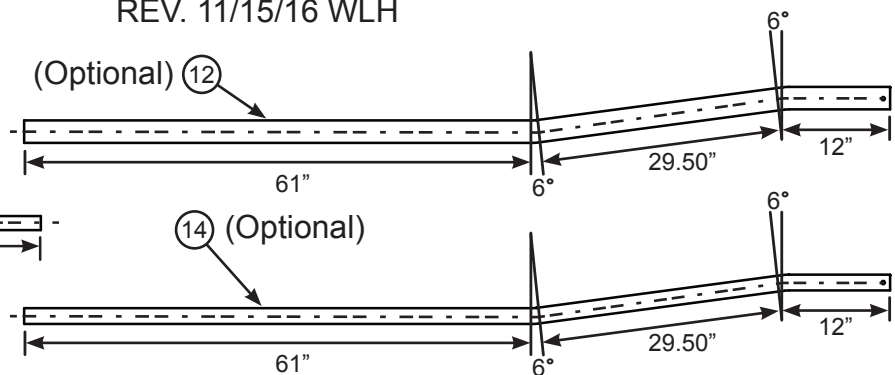


ITEM	PART #	DESCRIPTION	QTY
1	501-1293	Teardrop Bumper Kit	1
2	501-0791	Elbow Kit (For Alum. with Teardrop)	1
3	501-2237	4" Arm Adaptor Plate Assembly	2
4	504-3705	3/8" - 16 Nyloc Nut (Thin)	8
5	501-1209	Aluminum Lower Arm Tube	2
6	501-1101	Single Spring Housing (Driver)	1
7	501-1102	Single Spring Housing (Passenger)	1
8	501-0430	Universal Teardrop Pullbar	1

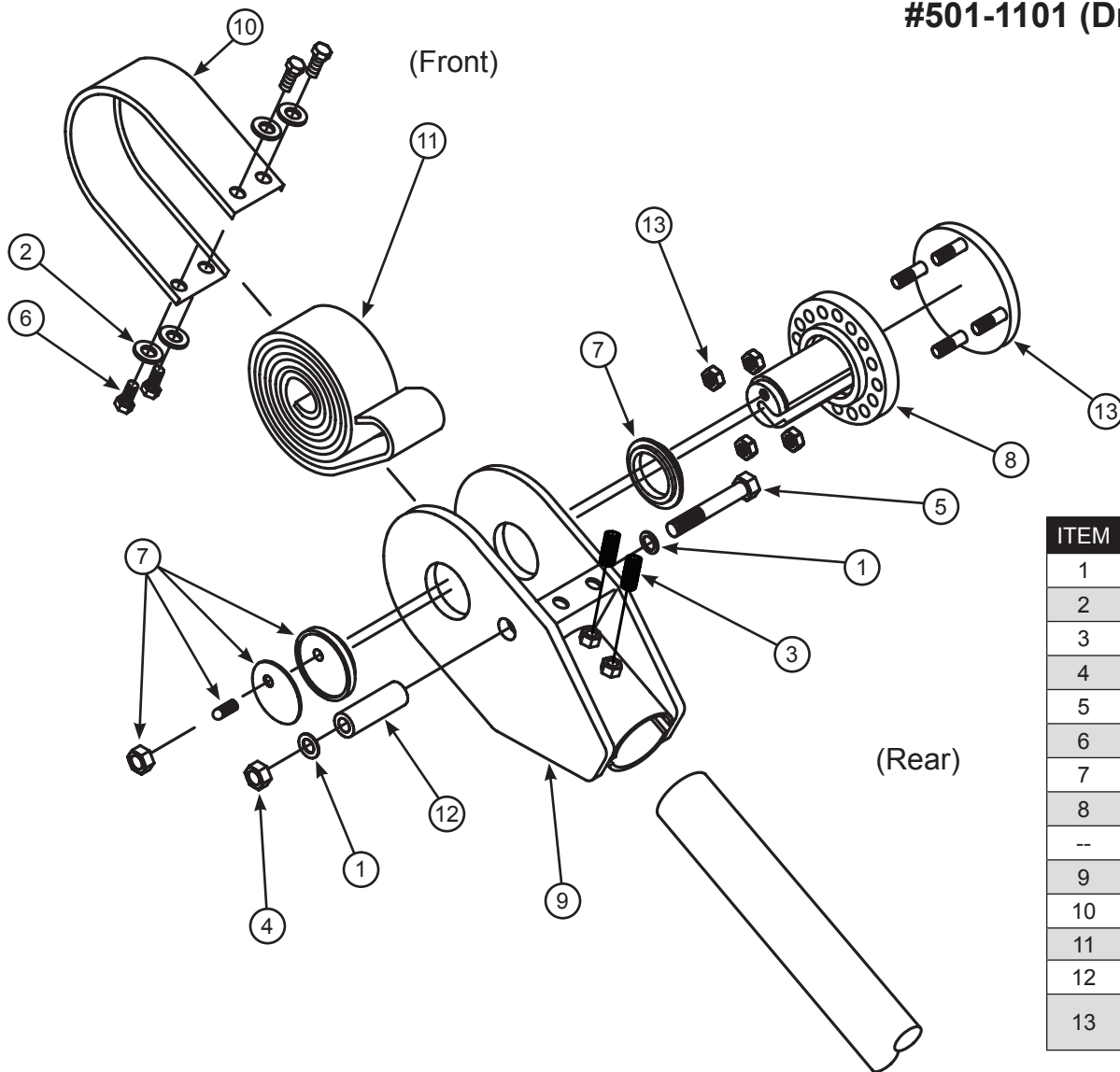
Options

ITEM	PART #	DESCRIPTION	QTY
9	501-1211	Aluminum Upper Arm or Pullrod	2
10	501-2235	Retrofit for EZ Mnt. (For bolting to Alum. Bodies)	2
11	501-1247	Arm Catcher Assembly (Optional)	1
12	501-1210	Aluminum Lower Offset Arm Tube	2
13	501-1214	Upper Arm Tubing, Drilled and Bent	2
14	501-1215	Aluminum Offset Upper Arm Tube	2
15	501-1216	Aluminum Upper Arm Tube Bent - 10'	2
16	501-1212	Aluminum Upper Arm Tube - 10'	2

REV. 11/15/16 WLH



Single Spring Housing Assembly
#501-1101 (Driver-Shown), #501-1102 (Pass.-Opposite)



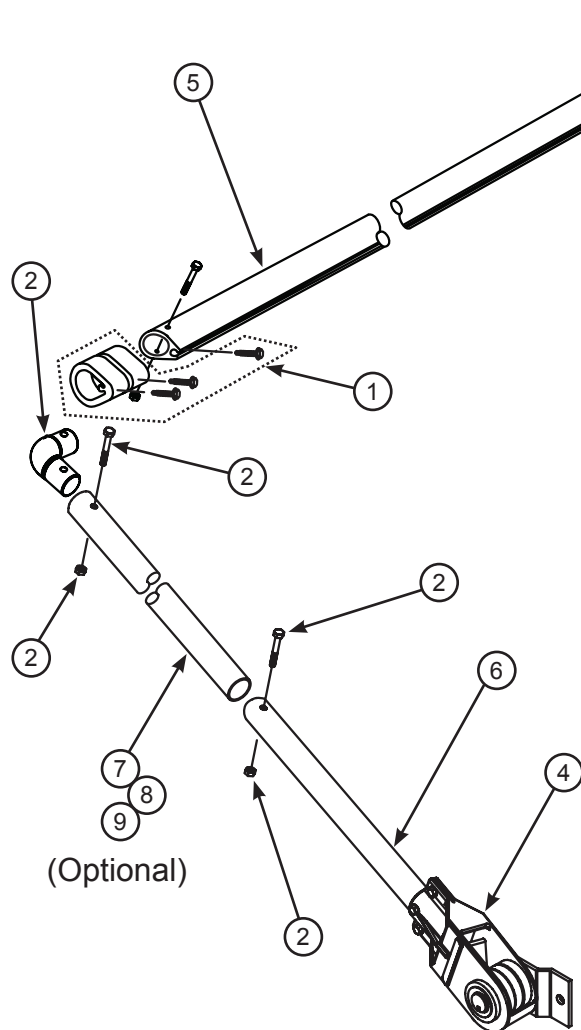
ITEM	PART #	DESCRIPTION	QTY
1	505-5001	1/2" AN Flat Washer	2
2	505-2502	1/4" Flat Washer USS	4
3	506-5008	1/2" - 13 x 3/4" Set Screw	2
4	504-5004	1/2" - 13 Nyloc Nut	1
5	503-5011	1/2" - 13 x 3-1/4"lg. HHCS Bolt	1
6	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	4
7	501-1181	Bushing Kit	1
8	501-1119	Pivot Assembly (Driver)	1
--	501-1120	Pivot Assembly (Passenger-Not Shown)	1
9	501-1109	Spring Side Plate Assembly	1
10	501-1151	Arm Dust Cover	1
11	501-1156	Rolled Spring Assembly with Strip	1
12	501-1158	Spring Connection (Arm System)	1
13	501-2237	4" Arm Adaptor Plate Assembly (Not part of Kit - Must be ordered separately.)	1

REV. 10/13/16 WLH

Electric Arm Housings & Automatic Arms

Aluminum Arms to 22" #501-0710, 501-1752

(Illustration view shown looking from Passenger Side to Rear of Vehicle.)

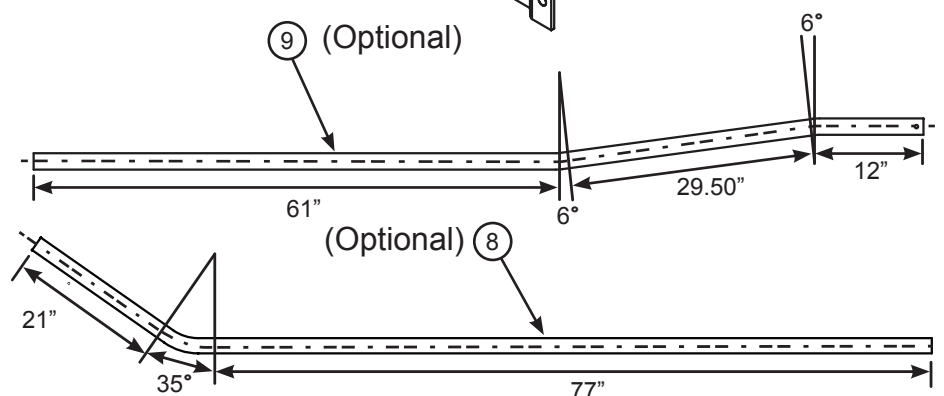


ITEM	PART #	DESCRIPTION	QTY
1	501-1293	Teardrop Bumper Kit	1
2	501-1251	Elbow Kit (For Steel)	1
3	501-1107	4 Spring Housing (Driver Side)	1
4	501-1108	4 Spring Housing (Pass. Side)	1
5	501-0430	Universal Teardrop Pullrod	1
6	501-1217	Aluminum Lower Arm Tube	2

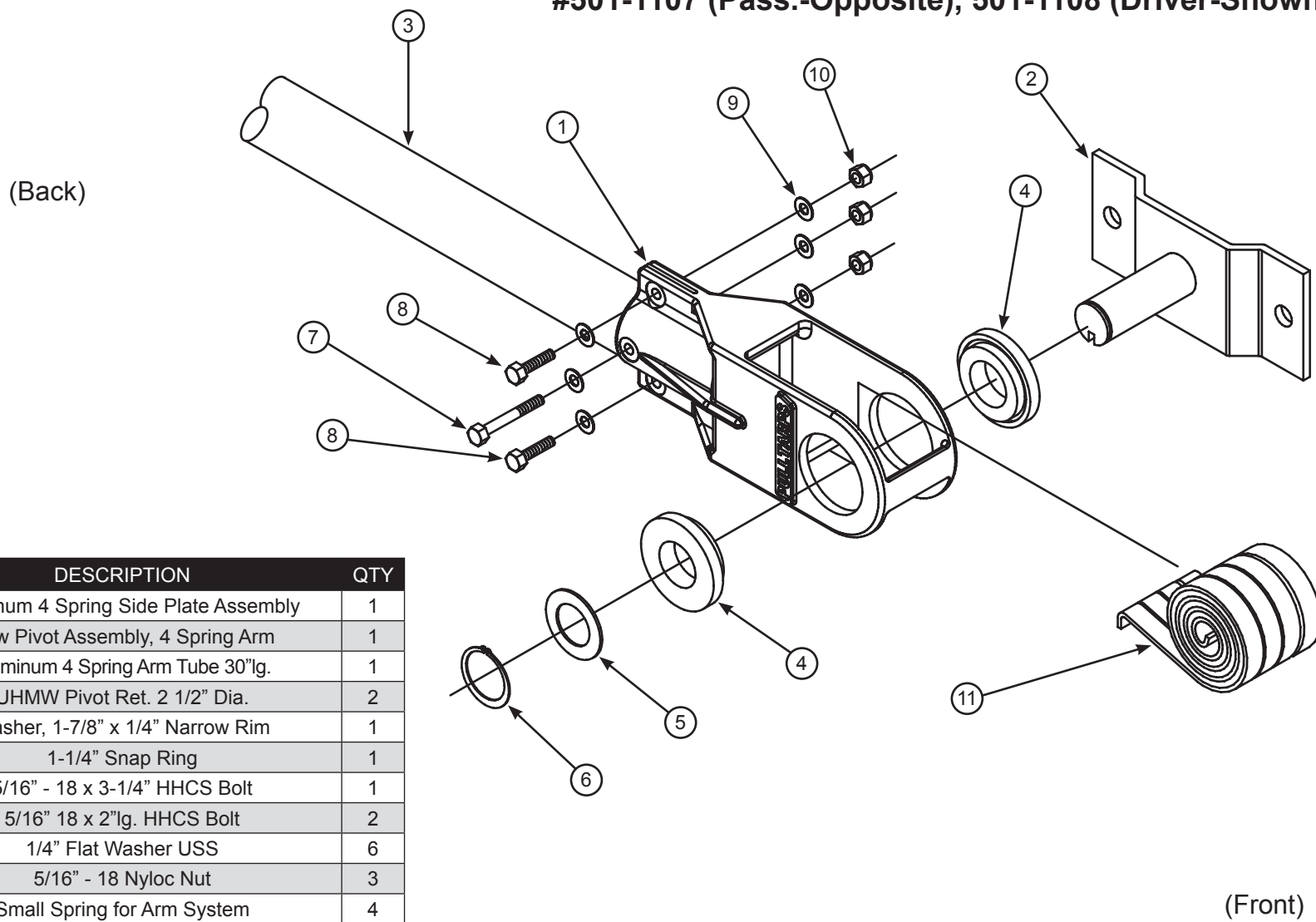
Arm Options

ITEM	PART #	DESCRIPTION	QTY
7	501-1211	Steel Upper Arm Tubing	2
8	501-1214	Upper Arm Tubing, Drilled and Bent	2
9	501-1215	Offset Upper Arm Tube	2

REV. 10/26/16 WLH



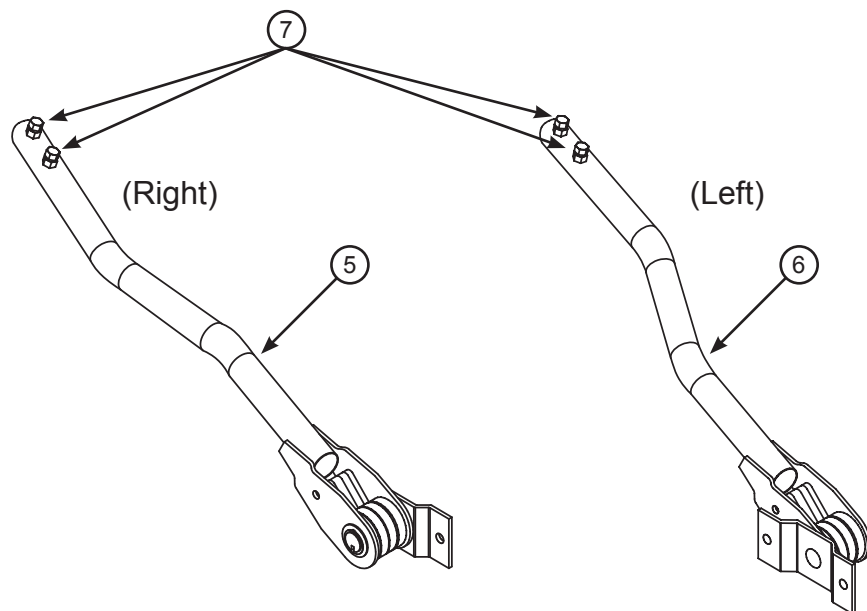
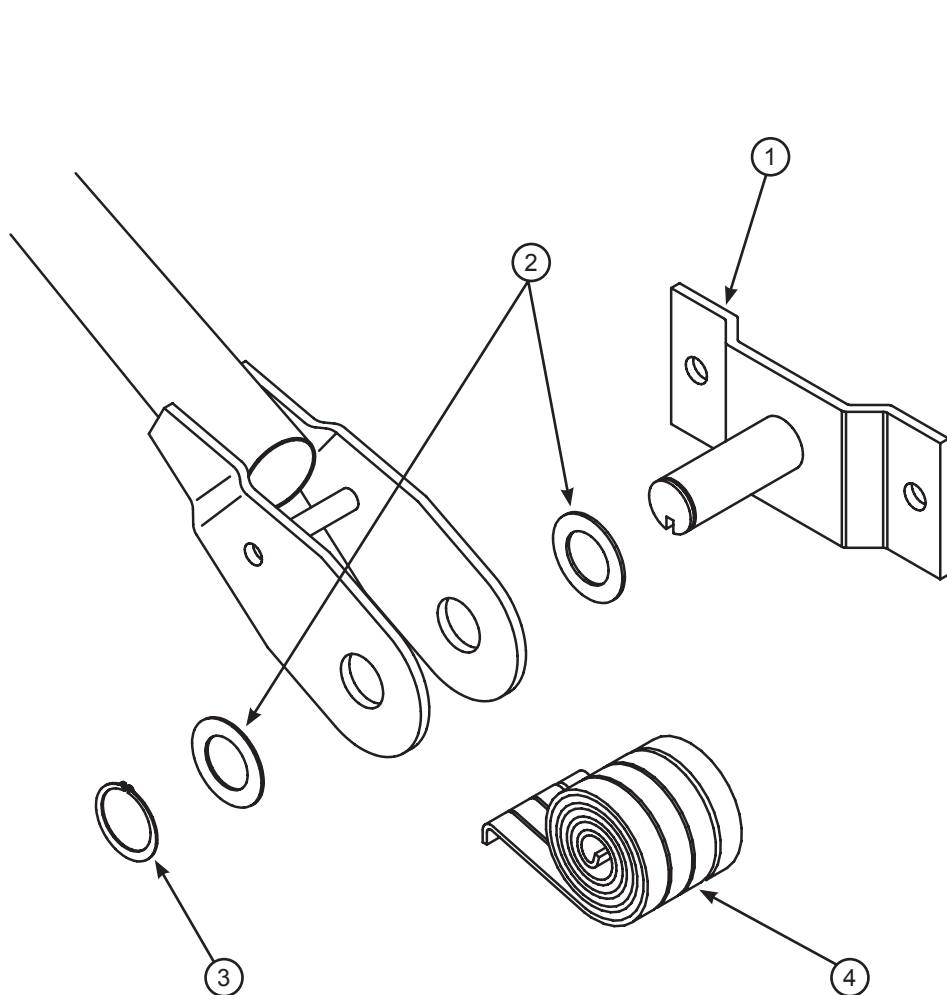
**Aluminum 4 Spring Housing Assembly
#501-1107 (Pass.-Opposite), 501-1108 (Driver-Shown)**



ITEM	PART #	DESCRIPTION	QTY
1	501-1111	Aluminum 4 Spring Side Plate Assembly	1
2	501-1122	New Pivot Assembly, 4 Spring Arm	1
3	501-1217	Aluminum 4 Spring Arm Tube 30"lg.	1
4	501-1155	UHMW Pivot Ret. 2 1/2" Dia.	2
5	501-1162	Washer, 1-7/8" x 1/4" Narrow Rim	1
6	506-0101	1-1/4" Snap Ring	1
7	503-3114	5/16" - 18 x 3-1/4" HHCS Bolt	1
8	503-3109	5/16" 18 x 2"lg. HHCS Bolt	2
9	505-2502	1/4" Flat Washer USS	6
10	504-3103	5/16" - 18 Nyloc Nut	3
11	517-9921	Small Spring for Arm System	4

REV. 02/22/08 KJH

Steel Offest 4 Spring Housing #501-1253 (Right), 501-1254 (Left)



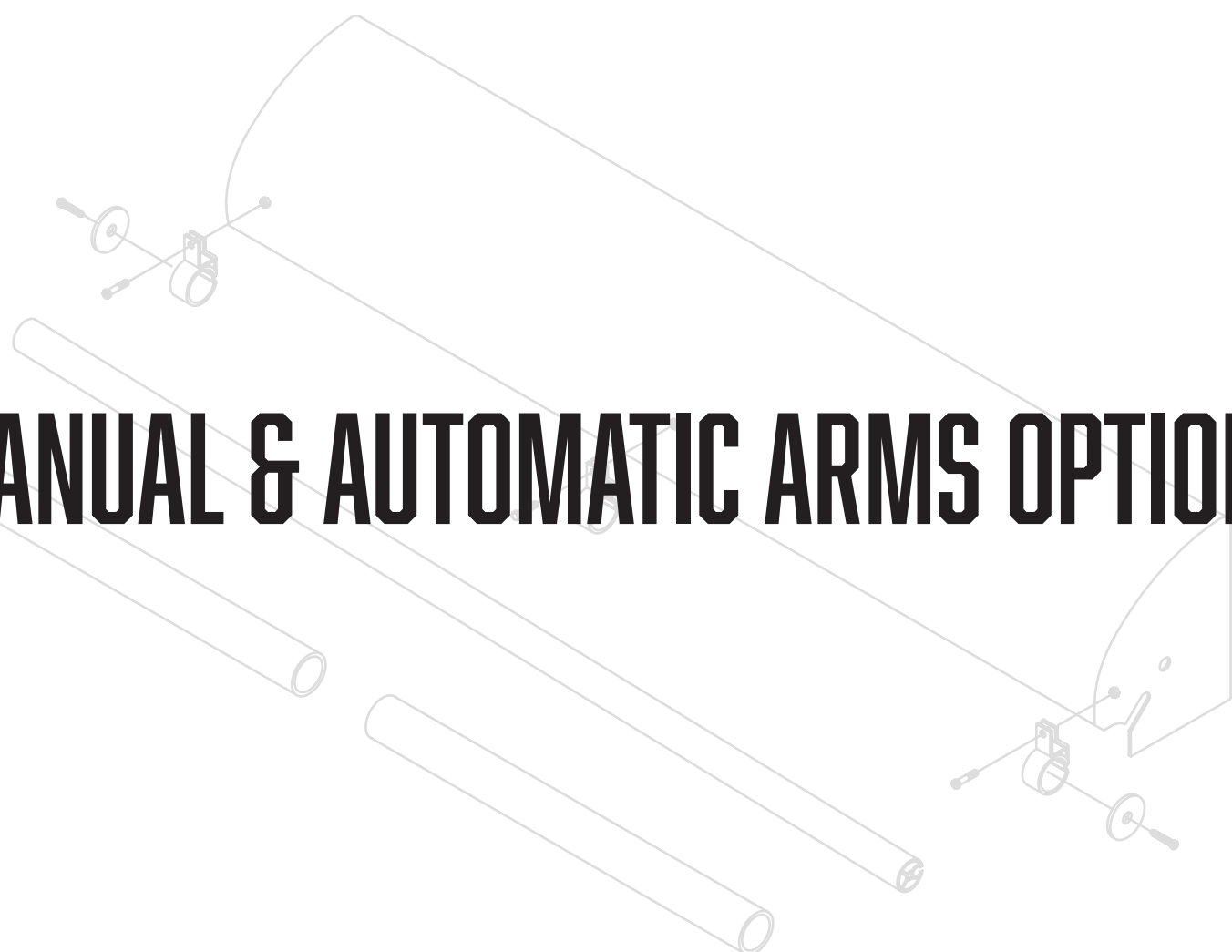
ITEM	PART #	DESCRIPTION	QTY
1	501-1121	Pivot 4 Spring Assembly (Right)	1
--	--	Pivot 4 Spring Assembly (Left)	1
2	501-1162	Washer 1-7/8" x 1-1/4" Narrow Rim (Right)	2
--	--	Washer 1-7/8" x 1-1/4" Narrow Rim (Left)	2
3	506-0101	1-1/4" Snap Ring (Right)	1
--	--	1-1/4" Snap Ring (Left)	1
4	517-9921	Small Spring for Arm System (Right)	4
--	--	Small Spring for Arm System (Left)	4
5	501-1256	4 Spring Side Plate Assembly (Right)	1
6	501-1259	4 Spring Side Plate Assembly (Left)	1
7	506-5008	1/2" - 13 x 3/4" Set Screw (Right)	2
--	--	1/2" - 13 x 3/4" Set Screw (Left)	2

REV. 12/15/16 WLH



1404 N. Marshall Ave. El Cajon CA. 92020

Manual & Automatic Arms Options



MANUAL & AUTOMATIC ARMS OPTIONS

For technical support call us at (877) 861-6265 or visit our website at Pulltarps.com.

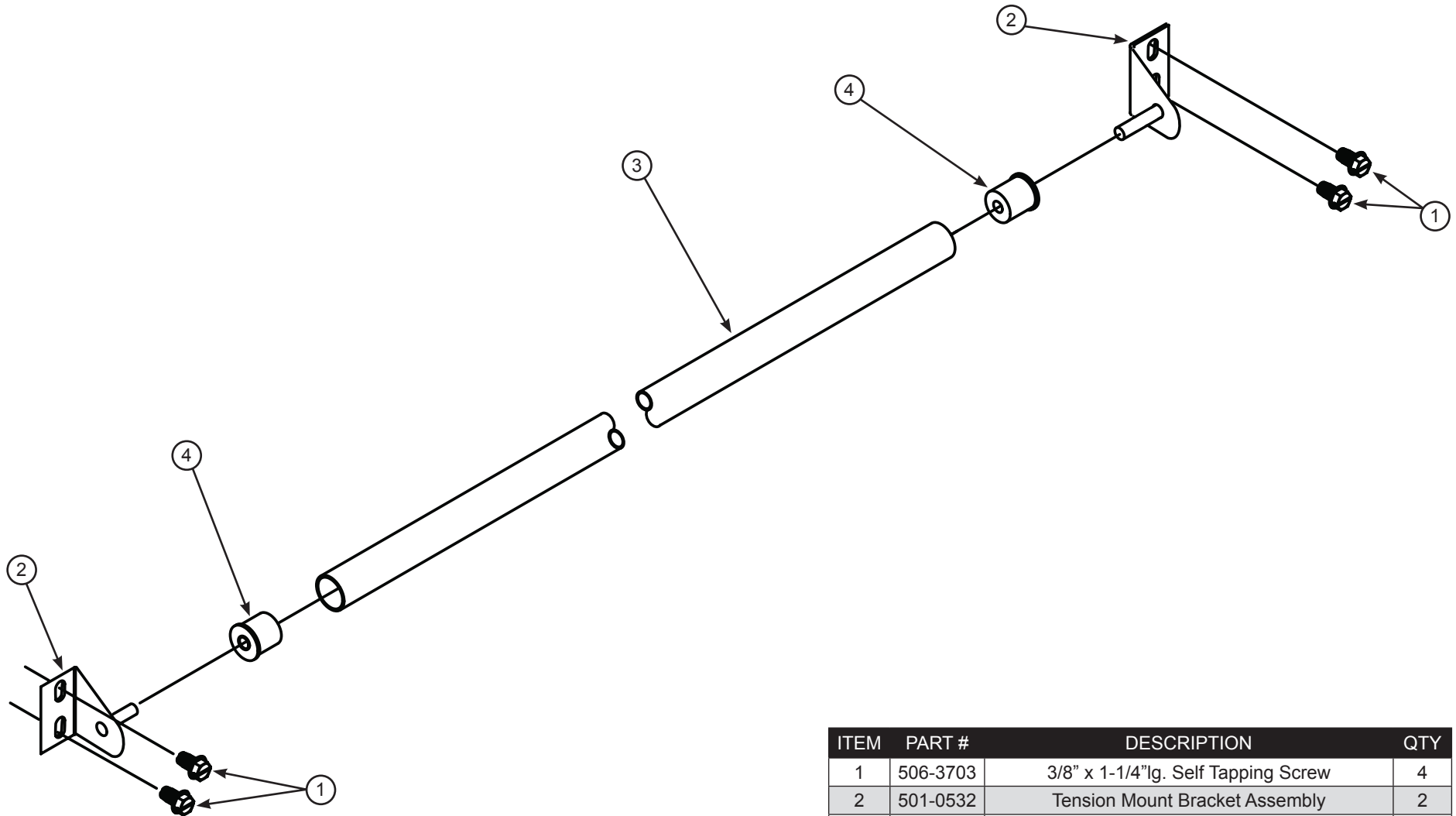


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1404 N. Marshall Ave. El Cajon CA. 92020

Manual & Automatic Arms Options

Tarp Tamer # 501-0701

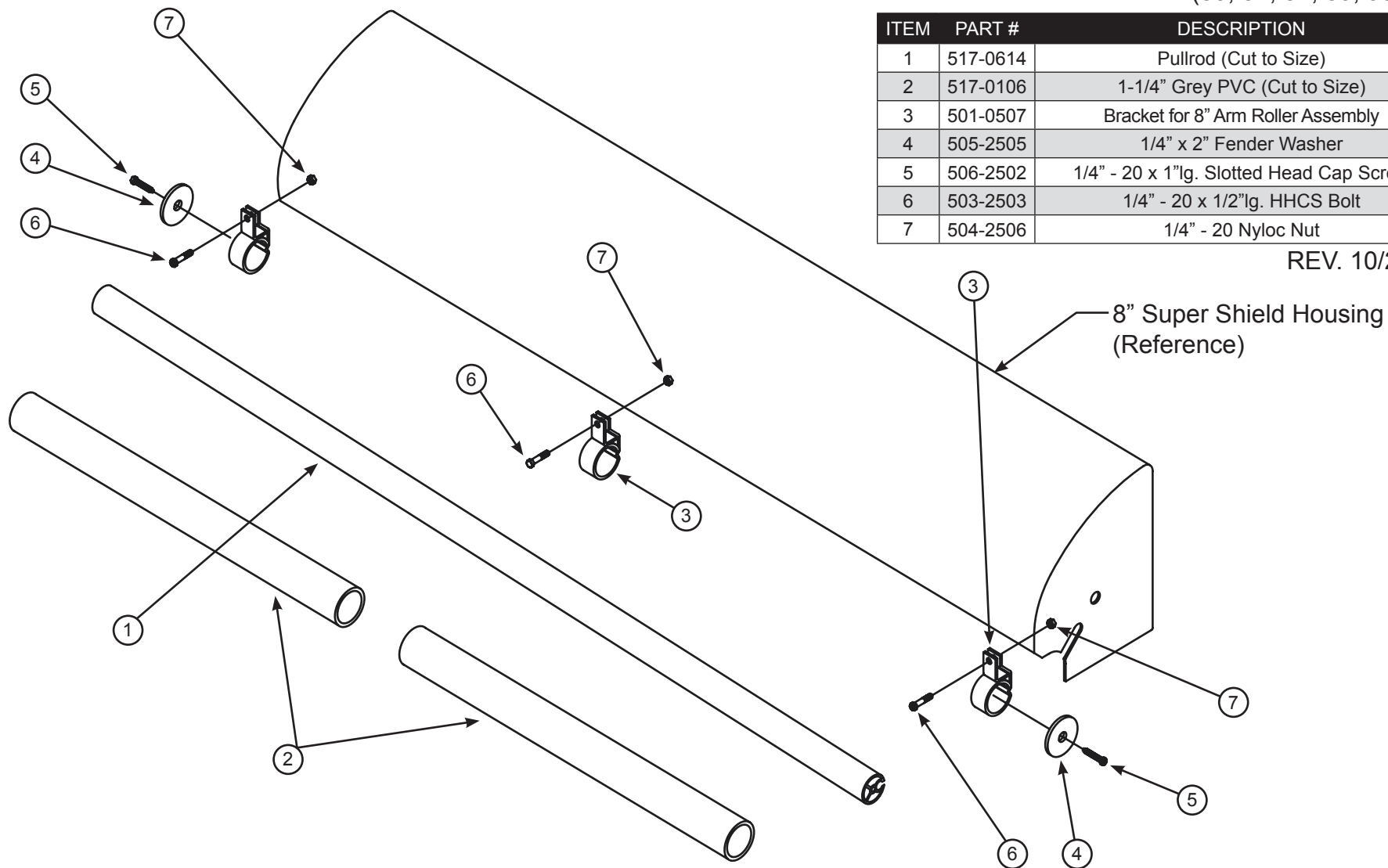


ITEM	PART #	DESCRIPTION	QTY
1	506-3703	3/8" x 1-1/4"lg. Self Tapping Screw	4
2	501-0532	Tension Mount Bracket Assembly	2
3	517-0323	Tubing, Galv. 1.66" x .083w x 103"lg.	1
4	501-9939	UHMW Bushing, Tarp Tamer	2

REV. 03/11/10 NB

S8 Roller Conversion #501-070X

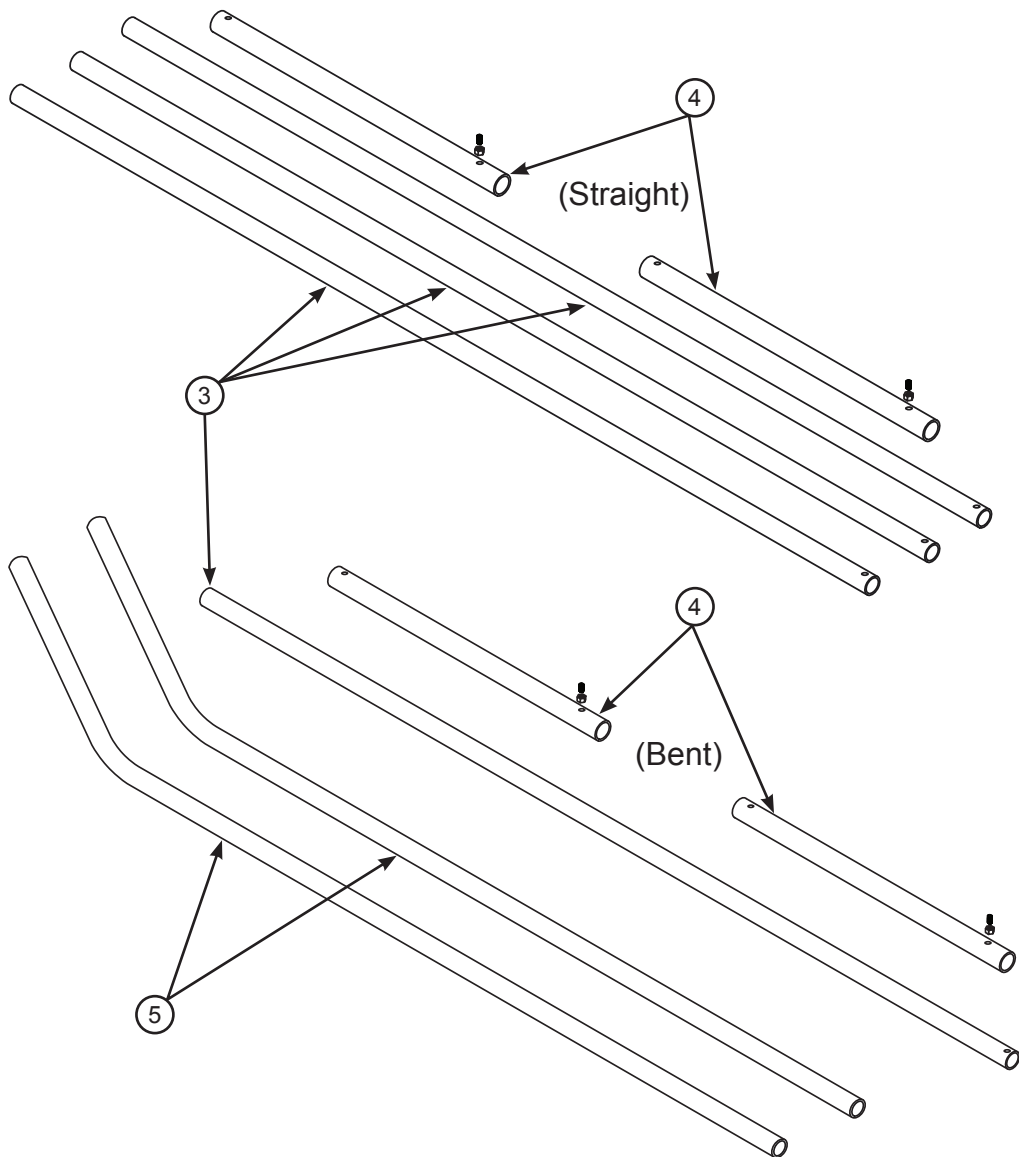
(80, 84, 87, 89, 93, 96, 100")



ITEM	PART #	DESCRIPTION	QTY
1	517-0614	Pullrod (Cut to Size)	1
2	517-0106	1-1/4" Grey PVC (Cut to Size)	2
3	501-0507	Bracket for 8" Arm Roller Assembly	3
4	505-2505	1/4" x 2" Fender Washer	2
5	506-2502	1/4" - 20 x 1"lg. Slotted Head Cap Screw	2
6	503-2503	1/4" - 20 x 1/2"lg. HHCS Bolt	3
7	504-2506	1/4" - 20 Nyloc Nut	3

REV. 10/24/16 WLH

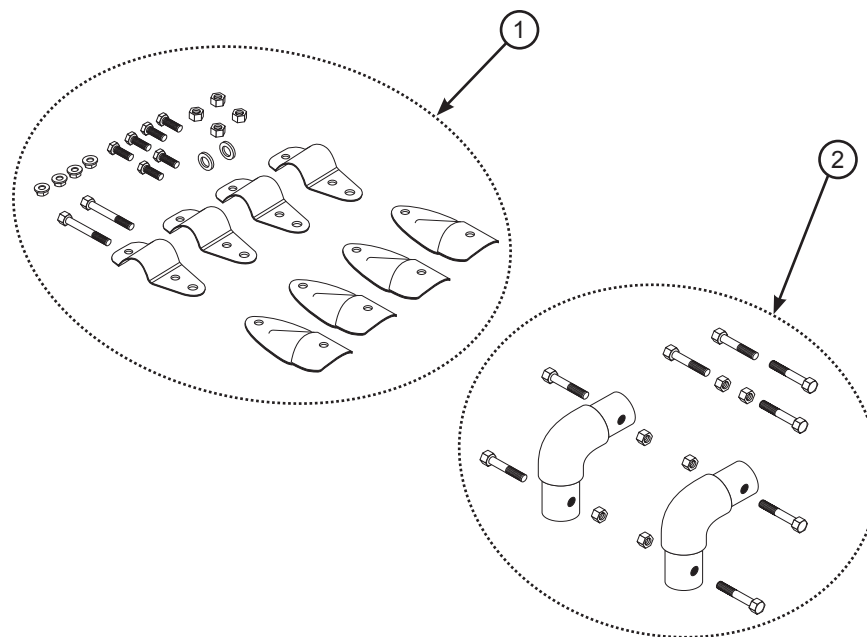
Tarp Tamer Bow to 21' Steel #501-1800 (Straight), #501-1801 (Bent)



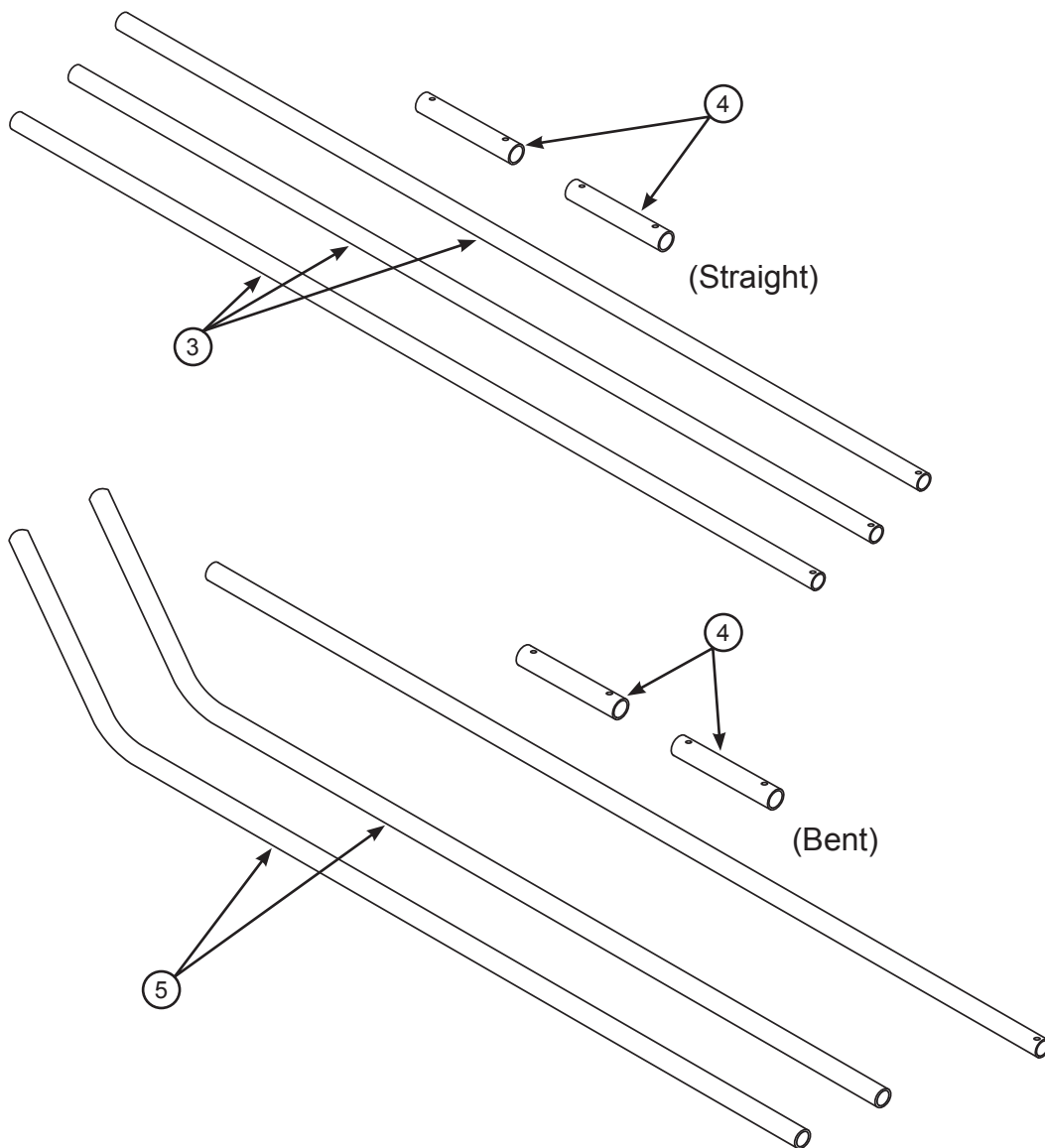
Straight & Bent

ITEM	PART #	DESCRIPTION	QTY
1	501-0796	Tarp Tamer Bow Hardware Kit (Straight)	1
--	--	Tarp Tamer Bow Hardware Kit (Bent)	1
2	501-1251	Elbow & Upper Conn. Hardware (Straight) - Steel	1
--	--	Elbow & Upper Conn. Hardware (Bent) - Steel	1
3	501-1202	Steel Upper Arm Tubing (Straight) - Drilled	3
--	--	Steel Upper Arm Tubing (Bent) - Drilled	1
4	501-1229	Lower Connection Arm Tube (Straight) - 34.25"	2
--	--	Lower Connection Arm Tube (Bent) - 34.25"	2
5	501-1205	Upper Arm Tubing (Bent) - Drilled	2

REV. 12/19/16 WLH



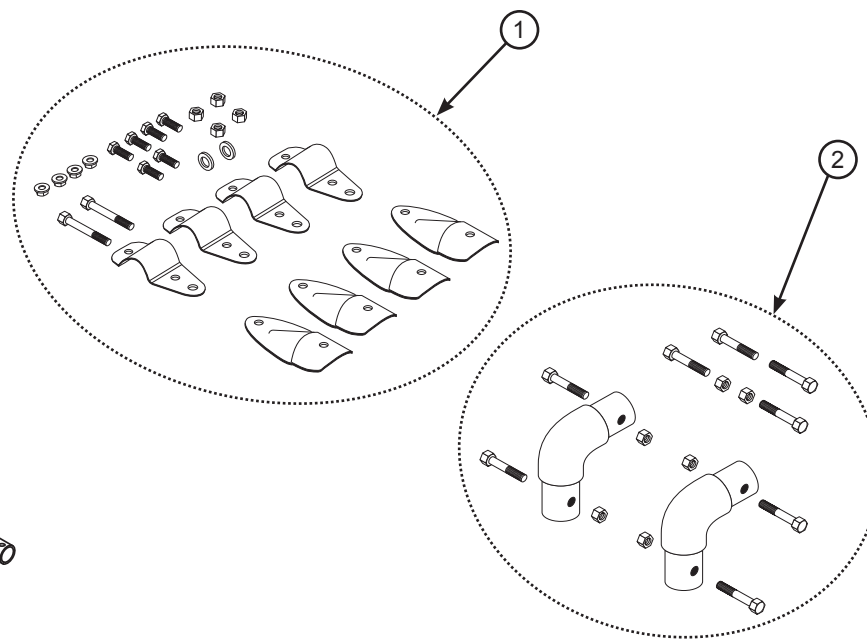
Tarp Tamer Bow to 21' Aluminum #501-1802 (Straight), #501-1803 (Bent)



Straight & Bent

ITEM	PART #	DESCRIPTION	QTY
1	501-0796	Tarp Tamer Bow Hardware Kit (Straight)	1
--	--	Tarp Tamer Bow Hardware Kit (Bent)	1
2	501-1250	Elbow & Upper Conn. Hardware (Straight) - Alum	1
--	--	Elbow & Upper Conn. Hardware (Bent) - Alum	1
3	501-1211	Aluminum Upper Arm or Pullrod (Straight)	3
--	--	Aluminum Upper Arm or Pullrod (Bent)	1
4	501-1217	Aluminum 4 Spring Arm Tube 30" Long (Straight)	2
--	--	Aluminum 4 Spring Arm Tube 30" Long (Bent)	2
5	501-1214	Aluminum Upper Arm (Bent) - Up to 33'	2

REV. 12/19/16 WLH

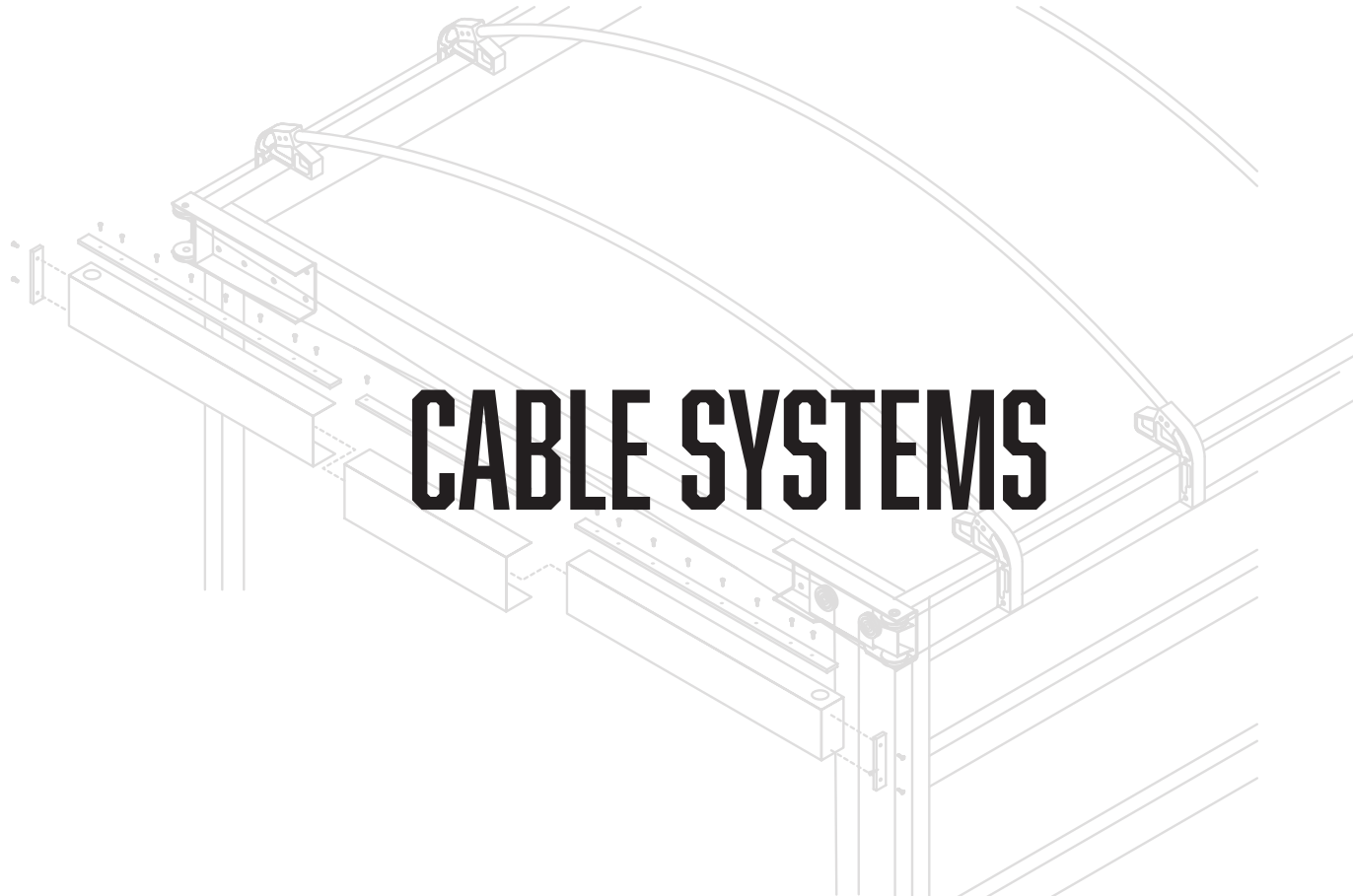




A Division of Roll Rite, LLC

1404 N. Marshall Ave. El Cajon CA. 92020

Cable Systems





A Division of Roll Rite, LLC

1404 N. Marshall Ave. El Cajon CA. 92020

Cable Systems

Single Cable Super Slider Front Cover Assembly and Associated Parts

Front Cover Assembly

ITEM	PART #	DESCRIPTION	QTY
1	502-0184	Front Cover Assembly	1
--	502-0383	Rear Slider (Not Shown)	2

Associated Parts

ITEM	PART #	DESCRIPTION	QTY
2	502-0107	Passenger Pulley Box Assembly	1
3	502-0105	Driver Pulley Box Assembly	1
4	502-0148	2.5" Pulley with Bearing	6
5	502-0301	UHMW Super Slider	--
6	502-0320	6" Super Slider Bow - 102.5"	--
7	502-0319	12" Super Slider Bow - 102.5"	--
--	502-0325	16" Super Slider Bow (Not Shown) - 102.5"	--

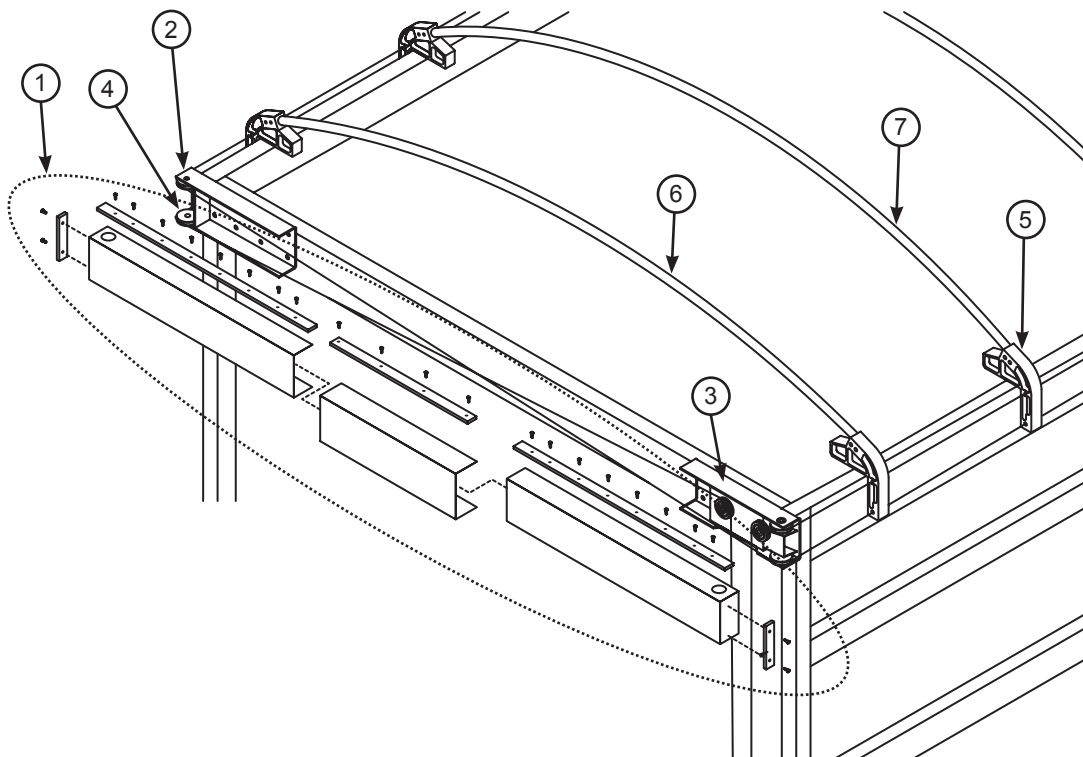
Quantities Vary Depending on Length

Rear Bows (Not Shown)

ITEM	PART #	DESCRIPTION	QTY
--	502-0329	6" Super Slider Rear Bow - 102.5"	1
--	502-0330	12" Super Slider Rear Bow - 102.5"	1
--	502-0331	16" Super Slider Rear Bow - 102.5"	1
--	502-0342	6" Super Slider Rear Bow - 95.5"	1
--	502-0341	12" Super Slider Rear Bow - 95.5"	1
--	502-0343	16" Super Slider Rear Bow - 95.5"	1

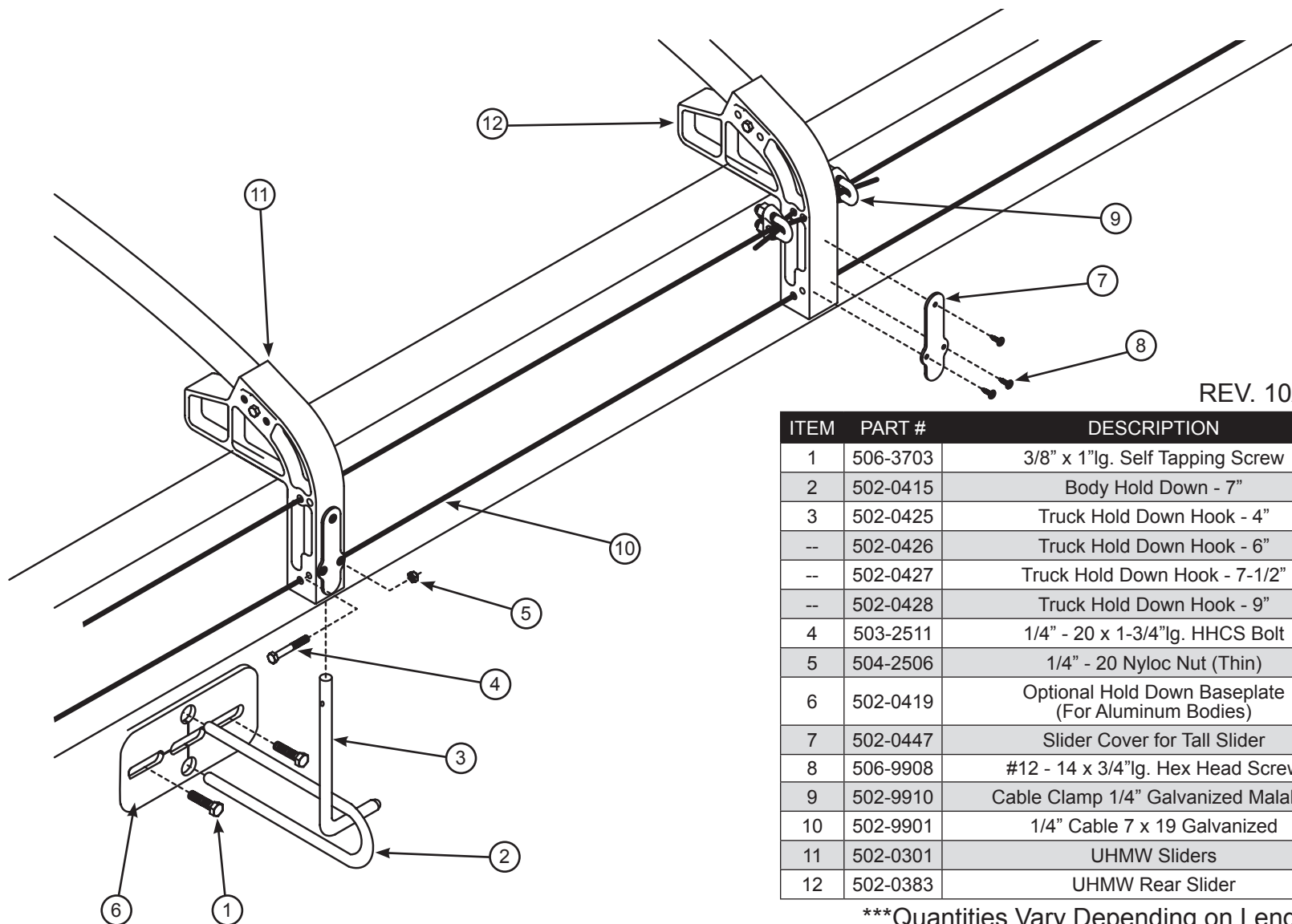
Narrow Bows (Not Shown)

ITEM	PART #	DESCRIPTION	QTY
--	502-0339	6" Super Slider Bow - 95.5"	1
--	502-0338	12" Super Slider Bow - 95.5"	1
--	502-0340	16" Super Slider Bow - 95.5"	1



REV. 10/25/16 WLH

Super Slider Hold Down Parts / Slider Parts and Associated Parts

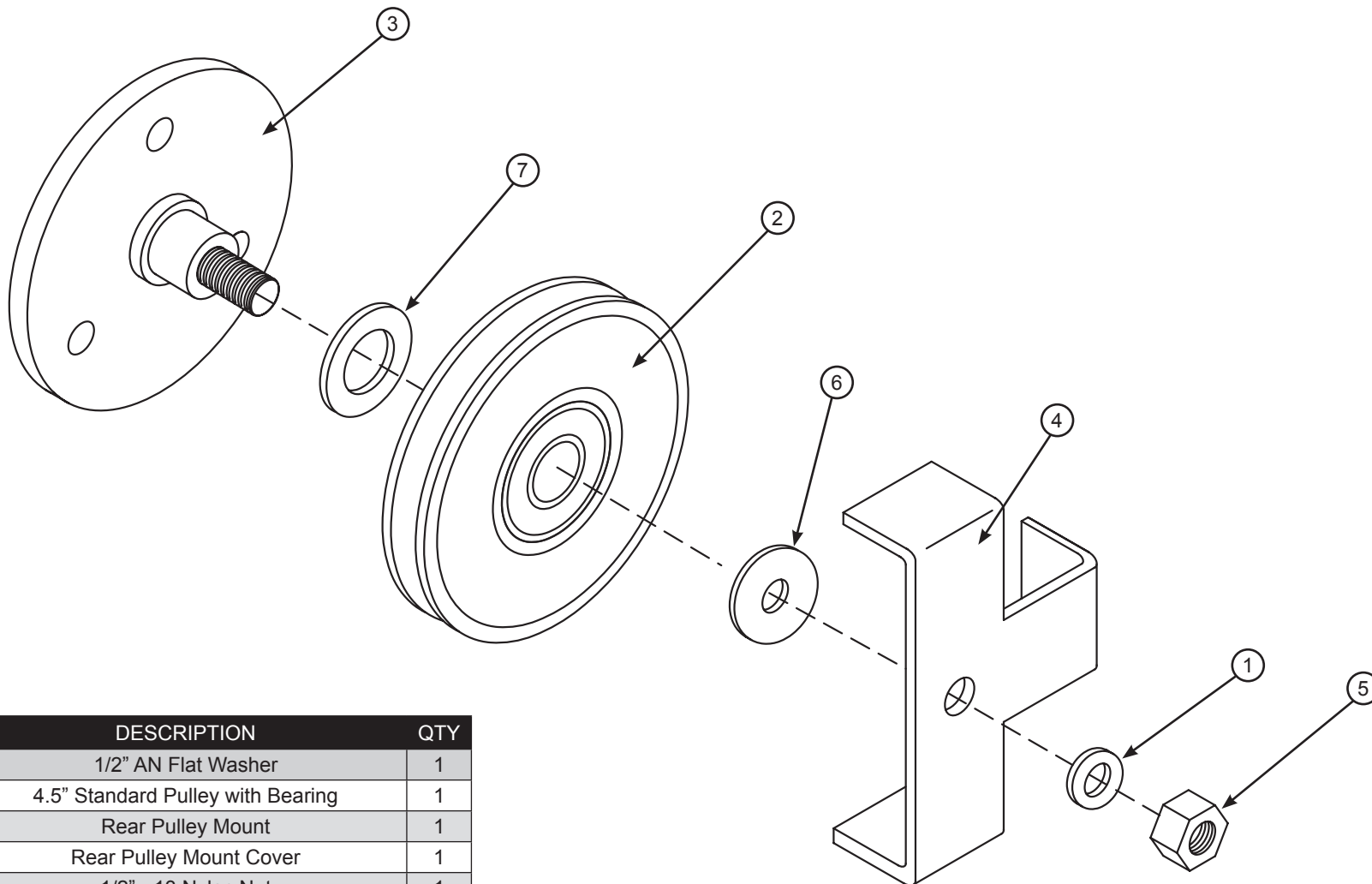


REV. 10/25/16 WLH

ITEM	PART #	DESCRIPTION	QTY
1	506-3703	3/8" x 1"lg. Self Tapping Screw	--
2	502-0415	Body Hold Down - 7"	--
3	502-0425	Truck Hold Down Hook - 4"	--
--	502-0426	Truck Hold Down Hook - 6"	--
--	502-0427	Truck Hold Down Hook - 7-1/2"	--
--	502-0428	Truck Hold Down Hook - 9"	--
4	503-2511	1/4" - 20 x 1-3/4"lg. HHCS Bolt	1
5	504-2506	1/4" - 20 Nyloc Nut (Thin)	1
6	502-0419	Optional Hold Down Baseplate (For Aluminum Bodies)	6
7	502-0447	Slider Cover for Tall Slider	--
8	506-9908	#12 - 14 x 3/4"lg. Hex Head Screw	--
9	502-9910	Cable Clamp 1/4" Galvanized Malable	2
10	502-9901	1/4" Cable 7 x 19 Galvanized	--
11	502-0301	UHMW Sliders	--
12	502-0383	UHMW Rear Slider	--

Quantities Vary Depending on Length

Single Cable Rear Pulley Mount Assembly #502-0201



ITEM	PART #	DESCRIPTION	QTY
1	505-5001	1/2" AN Flat Washer	1
2	502-0208	4.5" Standard Pulley with Bearing	1
3	502-0210	Rear Pulley Mount	1
4	502-0213	Rear Pulley Mount Cover	1
5	504-5004	1/2" - 13 Nyloc Nut	1
6	505-5004	1/2" Flat Washer USS	1
7	505-9905	20mm Flat Washer	1

REV. 11/21/07 BAB

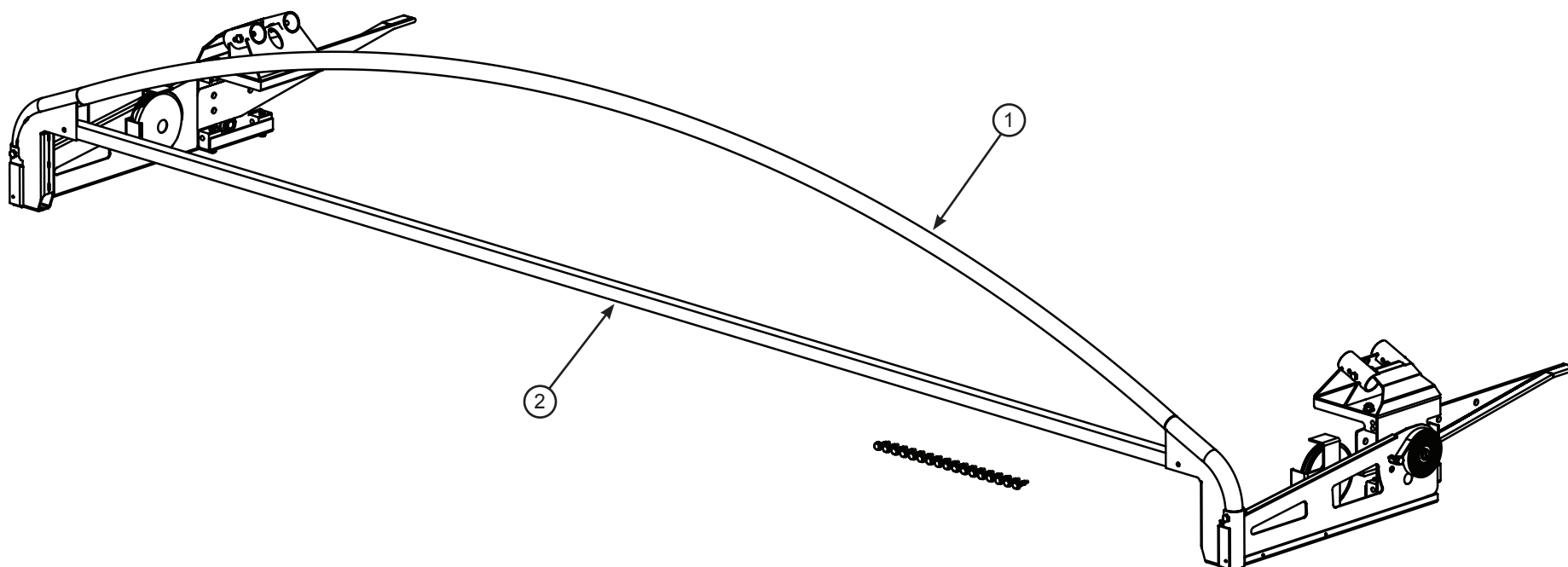


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Cable Systems

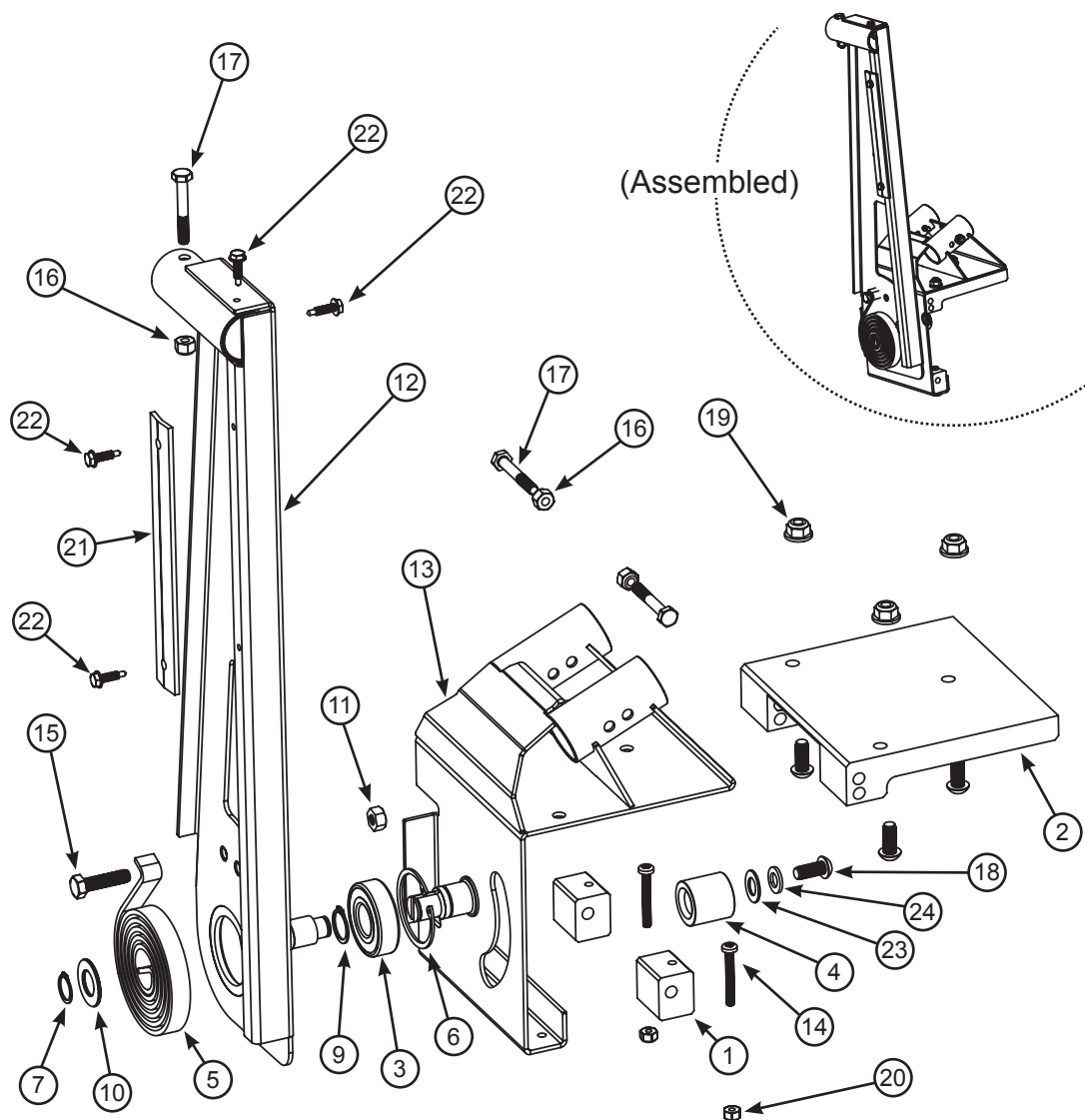
Bow System Rear Closer #502-0393



ITEM	PART #	DESCRIPTION	QTY
1	502-0391	12" SS BOW 95.5 - 102.5"	1
2	502-0392	Rear Closer Cross Tie	1

REV. 10/07/16 WLH

Rear Closer Assembly Left #502-0380



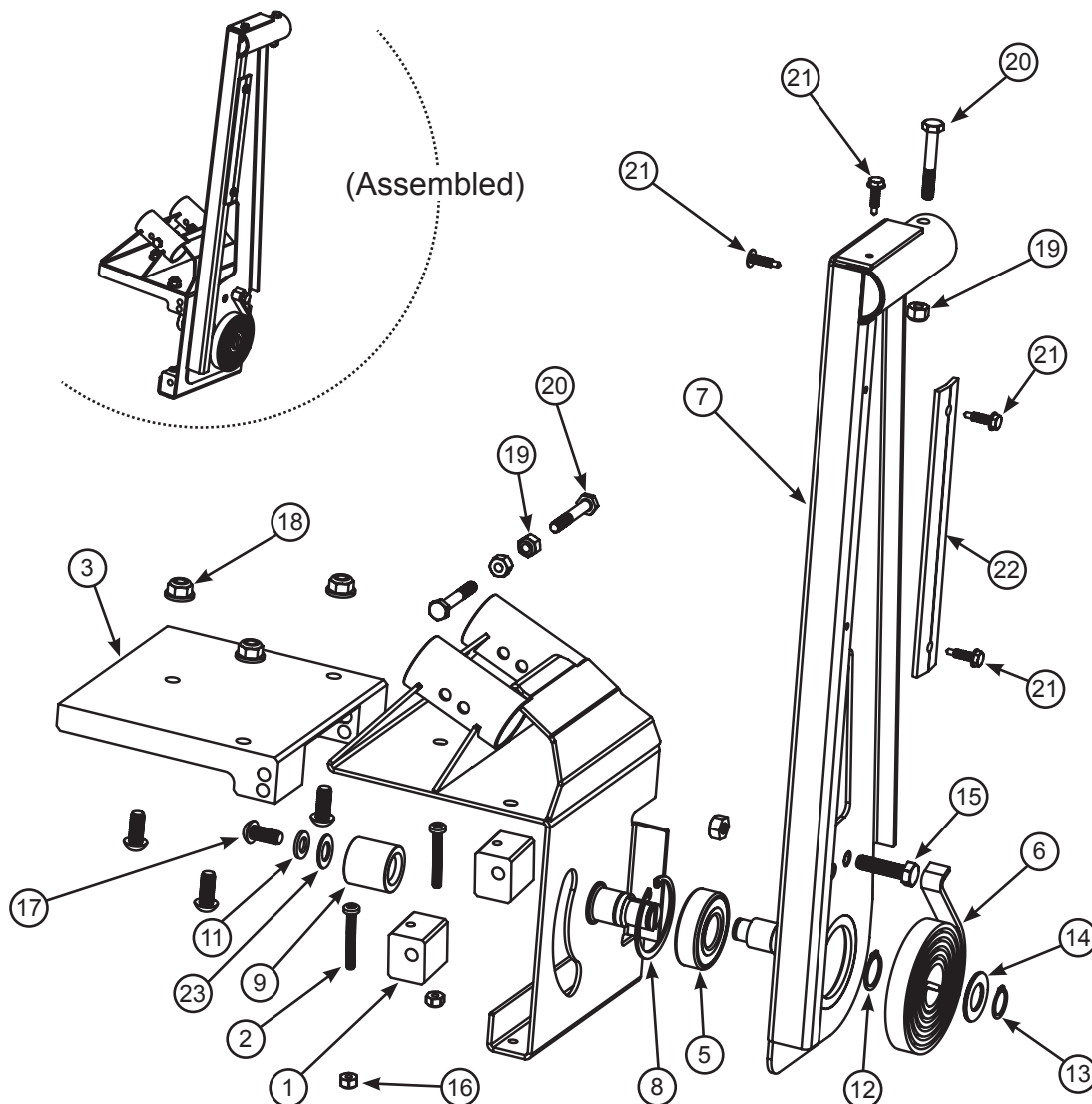
ITEM	PART #	DESCRIPTION	QTY
1	502-0495	UHMW Cable Guide	2
2	502-0494	UHMW Rail Slider	1
3	502-0540	Bearing 6204 - 2RS 20 x 47 x 14	1
4	502-9947	Closer Bearing	1
5	517-9939	Spring for Bow Closer	1
6	506-0102	Internal Snap Ring for 1 - 7/8" Bore	1
7	506-6201	5/8" Snap Ring (External)	1
8	506-5006	1/2" Snap Ring (External)	1
9	506-7502	3/4" Snap Ring (External)	1
10	505-6201	5/8" SAE Flat Washer	1
11	504-3101	5/16" - 18 Hex Nut	1
12	502-9932	Closer Arm Assembly (Left)	1
13	502-0377	Welded Closer Bracket Assembly (Left)	1
14	506-9932	10 - 32 x 1 1/2" Phillip Pan Head Screw	2
15	503-3106	5/16 - 18 x 1.25 HHCS GR5	1
16	504-2503	1/4" - 20 USS Nyloc Nut	3
17	503-2511	1/4" - 20 Bolt 1 3/4" Long	3
18	506-3105	5/16" - 18 x 3/4" BTN HD Alloy Cap Screw	4
19	504-3103	5/16 - 18 Nyloc Nut	3
20	504-9903	10 - 32 Nyloc Hex Nut	2
21	502-0496	Aluminum Mounting Strip 7.25"	1
22	506-9904	#10 x 3/4" Self Drilling Screw	4
23	505-2502	1/4" USS Washer 5/16" ID	1
24	505-3102	5/16" Lock Washer	1

REV. 10/17/16 WLH

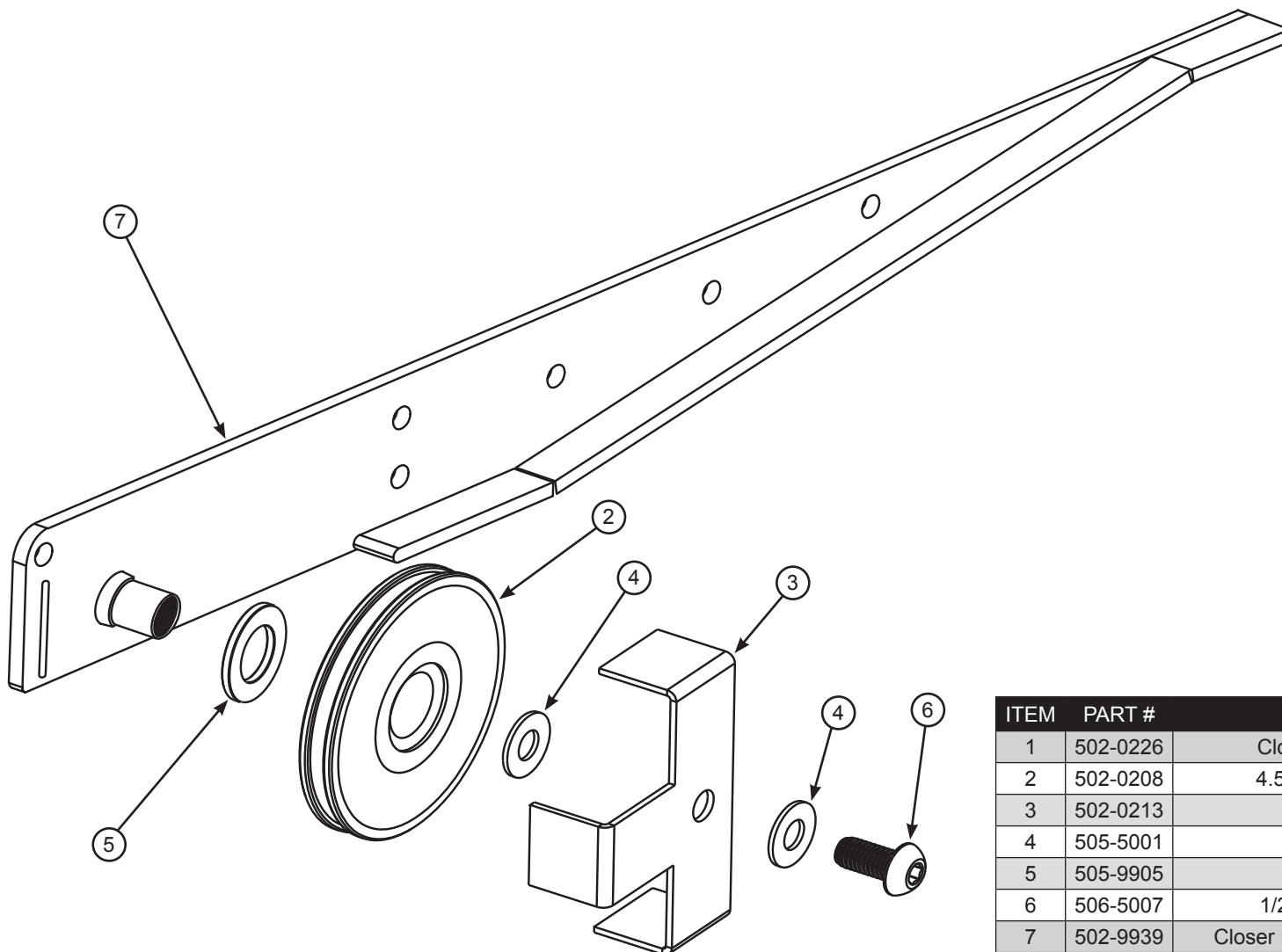
Rear Closer Assembly Right #502-0381

ITEM	PART #	DESCRIPTION	QTY
1	502-0495	UHMW Cable Guide	2
2	506-9932	10 - 32 x 1-1/2" Phillip Pan Head Screw	2
3	502-0494	UHMW Rail Slider	1
4	502-0376	Welded Closer Bracket Assembly (Right)	1
5	502-0540	Bearing 6204 - 2RS 20 x 47 x 14	1
6	517-9939	Spring for Bow Closer	1
7	502-9933	Closer Arm Assembly (Right)	1
8	506-0102	Internal Snap Ring for 1-7/8" Bore	1
9	502-9947	Closer Bearing	1
10	504-3101	5/16" - 18 Hex Nut	1
11	505-3102	5/16" Lock Washer	1
12	506-7502	3/4" Snap Ring (External)	1
13	506-6201	5/8" Snap Ring (External)	1
14	505-6201	5/8" SAE Flat Washer	1
15	503-3106	5/16" - 18 x 1.25 HHCS GR5	1
16	504-9903	10 - 32 Nyloc Hex Nut	2
17	506-3105	5/16" - 18 x 3/4" BTN HD Alloy Cap Screw	4
18	504-3103	5/16 - 18 Nyloc Nut	3
19	504-2503	1/4" - 20 USS Nyloc Nut	3
20	503-2511	1/4 - 20 Bolt 1-3/4" Long	3
21	506-9904	#10 x 3/4" Self Drilling Screw	4
22	502-0496	Aluminum Mounting Strip 7.25"	1
23	505-2502	1/4" USS Washer 5/16" ID	1

REV. 10/17/16 WLH



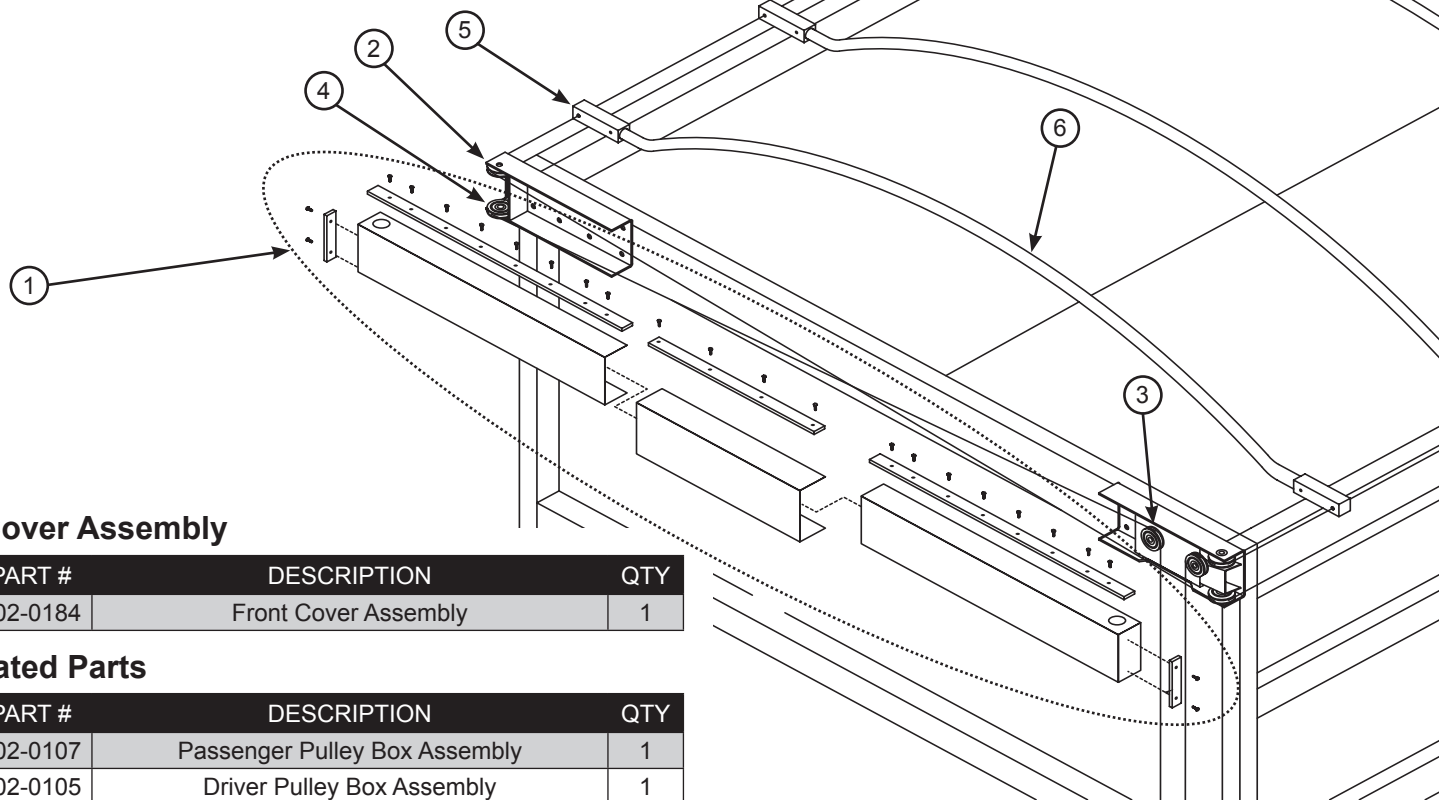
Closer Rear Pulley Mount Assembly #502-0241, 502-0242



ITEM	PART #	DESCRIPTION	QTY
1	502-0226	Closer Pulley Mount Assembly	1
2	502-0208	4.5" Standard Pulley Assembly	1
3	502-0213	Rear Pulley Mount Cover	1
4	505-5001	1/2" AN Flat Washer	2
5	505-9905	20mm Flat Washer	1
6	506-5007	1/2" - 13 x 1 Button Head Cap	1
7	502-9939	Closer Ramp Assembly (Right - Shown)	1
--	502-9938	Closer Ramp Assembly (Left)	1

REV. 10/25/16 WLH

Single Cable Top Slider Front Cover Assembly and Associated Parts #502-0184



Front Cover Assembly

ITEM	PART #	DESCRIPTION	QTY
1	502-0184	Front Cover Assembly	1

Associated Parts

ITEM	PART #	DESCRIPTION	QTY
2	502-0107	Passenger Pulley Box Assembly	1
3	502-0105	Driver Pulley Box Assembly	1
4	502-0148	2.5" Pulley with Bearing (Included with Items # 7 & 8)	6
5	502-0304	8" Hold Down Top Slider	--
6	502-0326	16" Top Slider Bow - 106.5"	--
--	502-0327	16" Top Slider Bow - 97.5"	--
--	502-0321	12" Top Slider Bow - 106.5"	--
--	502-0323	12" Top Slider Bow - 97.5"	--
--	502-0322	6" Top Slider Bow - 106.5"	--
--	502-0324	6" Top Slider Bow - 97.5"	--

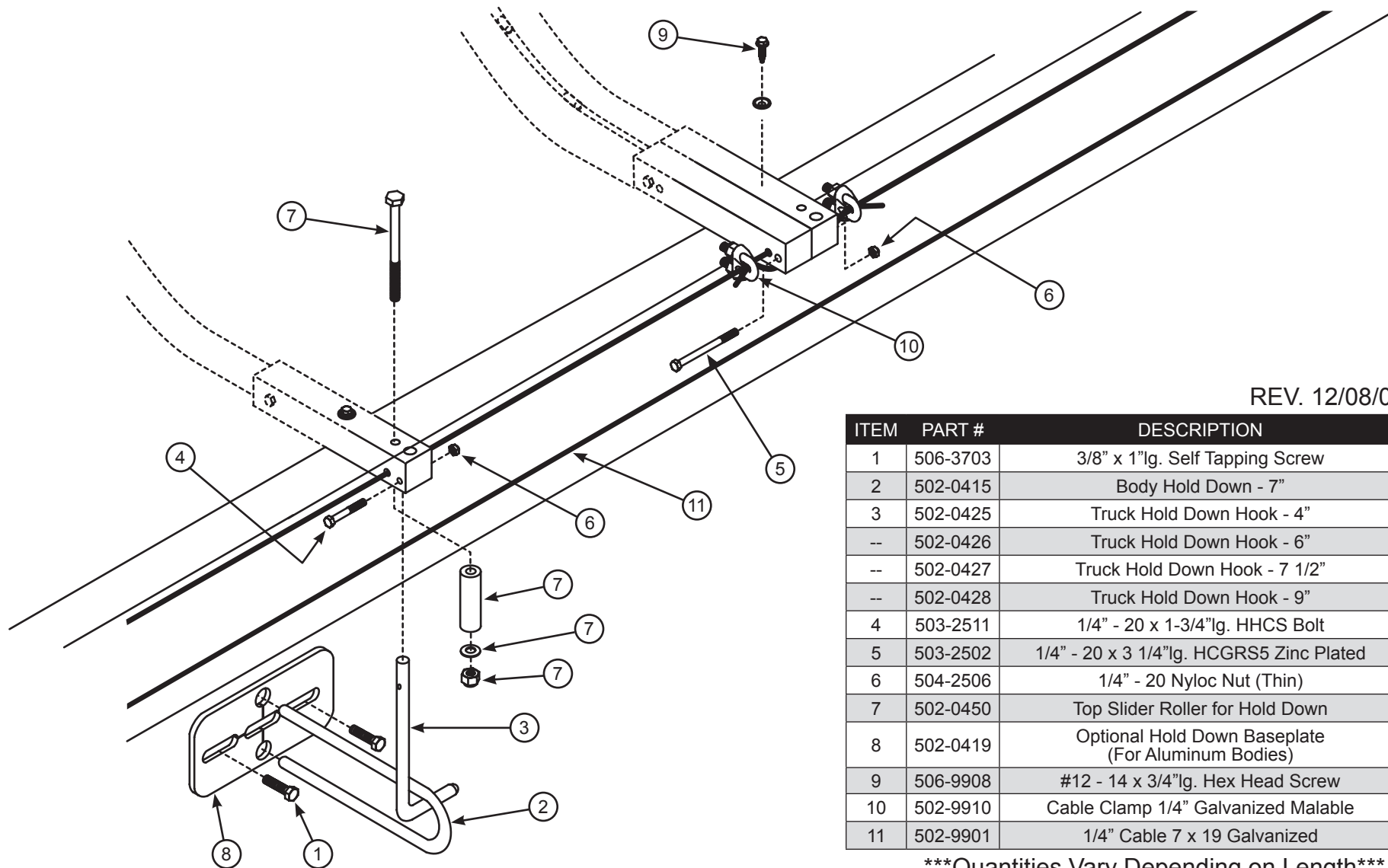
Quantities Vary Depending on Length

Rear Bows (Not Shown)

ITEM	PART #	DESCRIPTION	QTY
--	502-0326	16" Top Slider Bow - 106.5"	--
--	502-0327	16" Top Slider Bow - 97.5"	--
--	502-0331	12" Top Slider Bow - 106.5"	--
--	502-0323	12" Top Slider Bow - 97.5"	--
--	502-0322	6" Top Slider Bow - 106.5"	--
--	502-0324	6" Top Slider Bow - 97.5"	--

REV. 10/25/16 WLH

Top Sliders and Associated Parts



REV. 12/08/07 BAB

ITEM	PART #	DESCRIPTION	QTY
1	506-3703	3/8" x 1"lg. Self Tapping Screw	--
2	502-0415	Body Hold Down - 7"	--
3	502-0425	Truck Hold Down Hook - 4"	--
--	502-0426	Truck Hold Down Hook - 6"	--
--	502-0427	Truck Hold Down Hook - 7 1/2"	--
--	502-0428	Truck Hold Down Hook - 9"	--
4	503-2511	1/4" - 20 x 1-3/4"lg. HHCS Bolt	--
5	503-2502	1/4" - 20 x 3 1/4"lg. HCGRS5 Zinc Plated	2
6	504-2506	1/4" - 20 Nyloc Nut (Thin)	--
7	502-0450	Top Slider Roller for Hold Down	--
8	502-0419	Optional Hold Down Baseplate (For Aluminum Bodies)	--
9	506-9908	#12 - 14 x 3/4"lg. Hex Head Screw	--
10	502-9910	Cable Clamp 1/4" Galvanized Malable	4
11	502-9901	1/4" Cable 7 x 19 Galvanized	--

Quantities Vary Depending on Length

Hand Crank Drive Kits - Part #502-0501 & 502-0502

ITEM	PART #	DESCRIPTION	QTY
1	502-0508	Crank Arm Assembly - Includes Item 2	1
2	502-0567	Spring Lock Plunger	1
3	502-0512	Hand Crank Drive Cover Assembly	1
4	502-0533	4.5" Drive Pulley "V" Groove w/Bearing	1
5	505-9905	20mm Flat Washer	2
6	504-9902	20mm Nyloc Nut	1
7	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	2
8	505-3102	5/16" Lock Washer	2

With Idler Pulley #502-0502

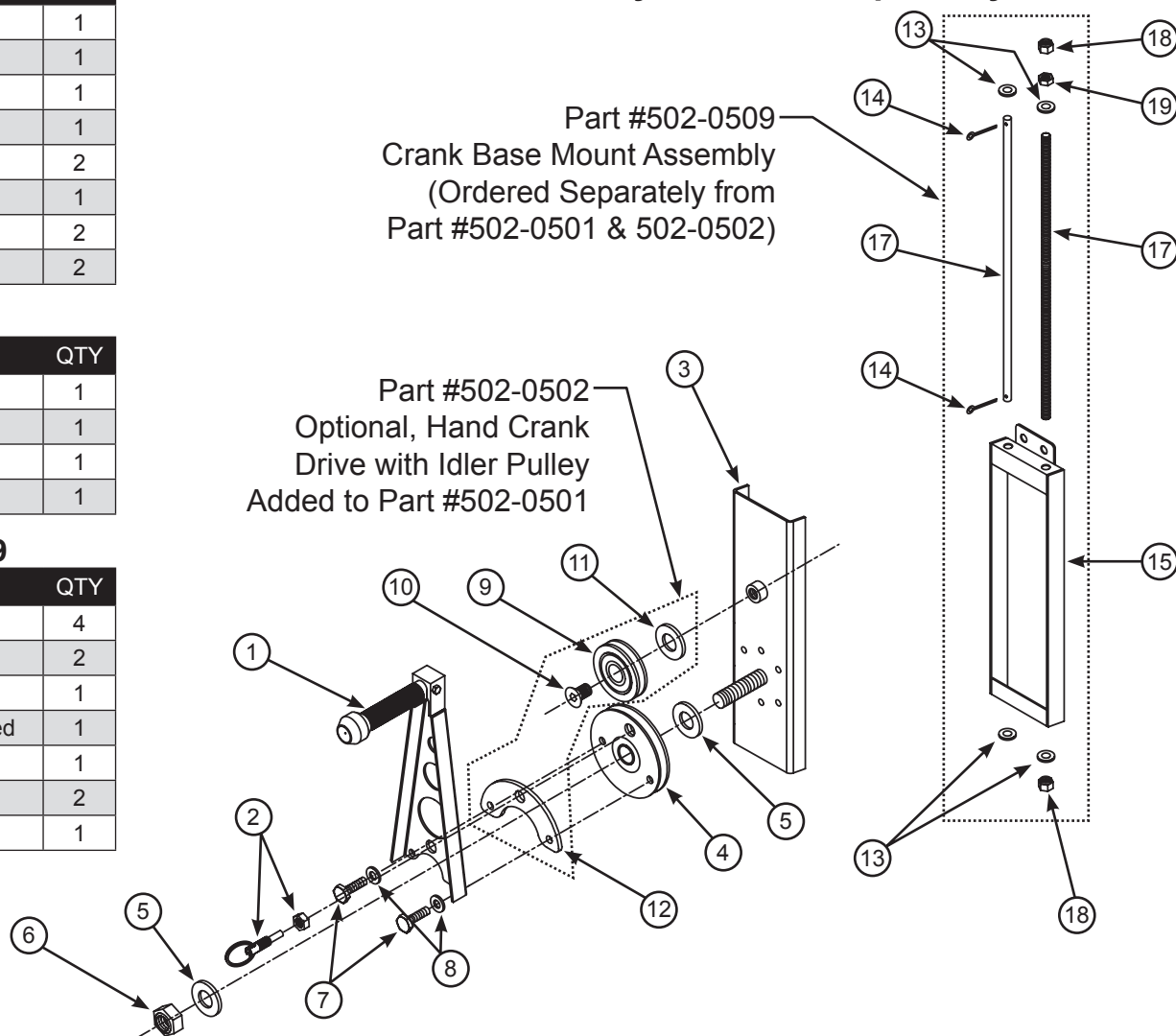
ITEM	PART #	DESCRIPTION	QTY
9	502-0148	2.5" Pulley w/Bearing	1
10	506-5003	1/2" - 13 x 1"lg. Flat Head Socket Cap	1
11	505-9905	20mm Flat Washer	1
12	502-0564	Pulley Handle Spacer	1

Crank Base Mount Assembly - Part #502-0509

ITEM	PART #	DESCRIPTION	QTY
13	505-5001	1/2" AN Flat Washer	4
14	506-1201	1/8" x 1" Cotter Pin	2
15	502-0510	Crank Base Plate Assembly	1
16	502-0516	Crank Adj. Shaft, 1/2" - 13 x 14"lg. Threaded	1
17	502-0530	1/2" Guide Shaft 13 1/4"lg.	1
18	504-5004	1/2" - 13 Nyloc Nut	2
19	504-5005	1/2" - 13 Hex Nut	1

REV. 11/21/07 BAB

Single Cable Hand Crank Kit - Standard #502-0501
Single Cable Hand Crank Drive Kit - With Idler Pulley #502-0502
Crank Mount Assembly - Ordered Separately #502-0509



Standard Motor Drive Assembly - Part #502-0601

ITEM	PART #	DESCRIPTION	QTY
1	504-3103	5/16" - 18 Nyloc Nut	4
2	517-0906	12V DC Electric Motor	1
3	503-3103	5/16" - 18 x 3/4"lg. HHCS Bolt	3
4	517-0326	.312 x 1.5"lg. Dowel Pin	1
5	502-0620	Super Winch Motor Bracket	1
6	502-0621	4.5" Super Winch "V" Pulley	1
7	502-0635	SW Motor Drive Cover Assembly	1
8	505-3102	5/16" Lock Washer	3
--	514-0121	6 Ga. Electrical Wire	70'
--	514-0505	Quick Disconnect Term 50 Amp	2
--	514-0114	Smart Switch Basic Kit	1

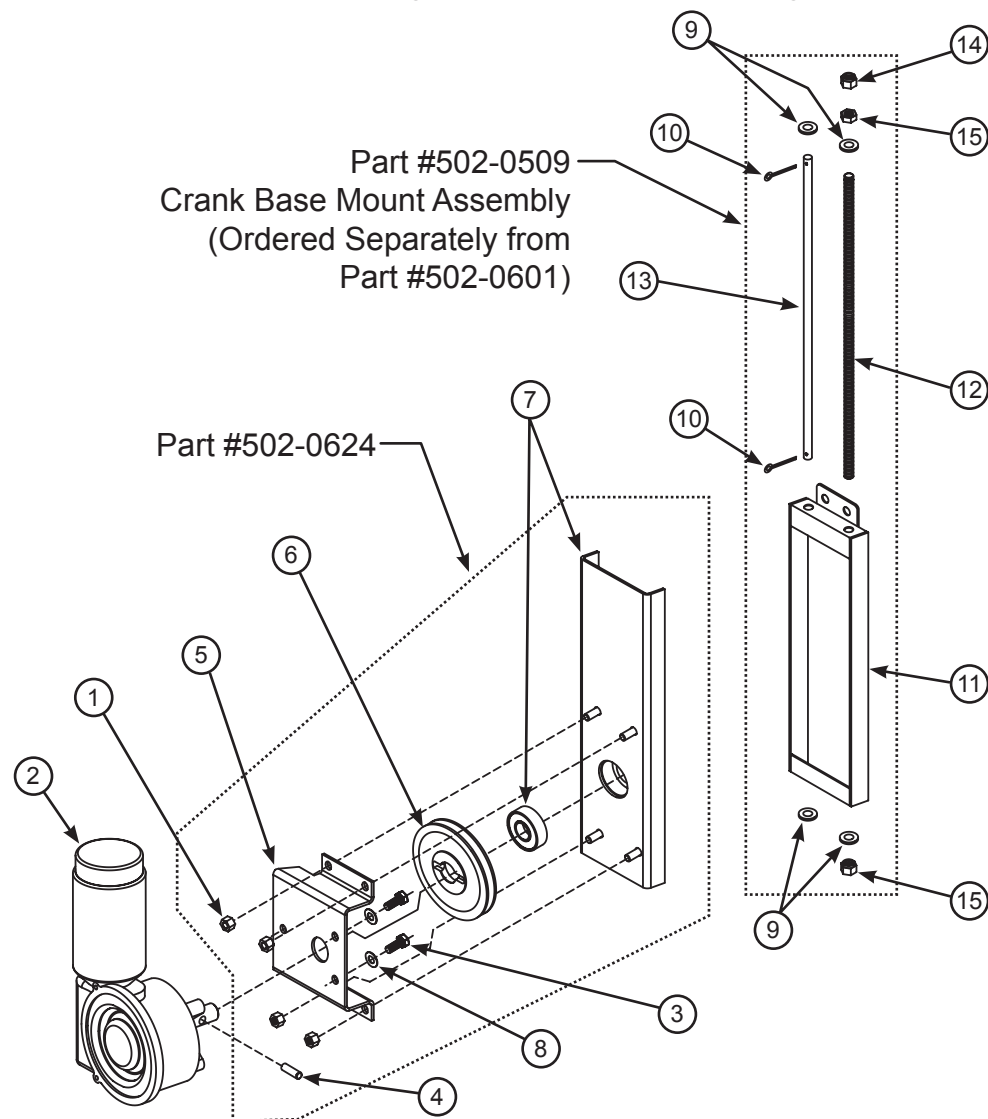
Crank Base Mount Assembly - Part #502-0509

ITEM	PART #	DESCRIPTION	QTY
9	505-5001	1/2" AN Flat Washer	4
10	506-1201	1/8" x 1" Cotter Pin	2
11	502-0510	Crank Base Plate Assembly	1
12	502-0516	Crank Adj. Shaft, 1/2" - 13 x 14"lg. Threaded	1
13	502-0530	1/2" Guide Shaft 13 1/4"lg.	1
14	504-5004	1/2" - 13 Nyloc Nut	2
15	504-5005	1/2" - 13 Hex Nut	1

Not Shown

REV. 10/10/16 WLH

Single Cable Standard Motor Drive Assembly #502-0601
Crank Base Mount Assembly - Ordered Separately #502-0509



Bow Motor Drive 1.3HP #502-0636
Single Cable Gear Reduction Motor Drive Assembly #502-0602
Crank Base Mount Assembly - Ordered Separately #502-0509

Standard Motor Drive Assembly - Part #502-0602

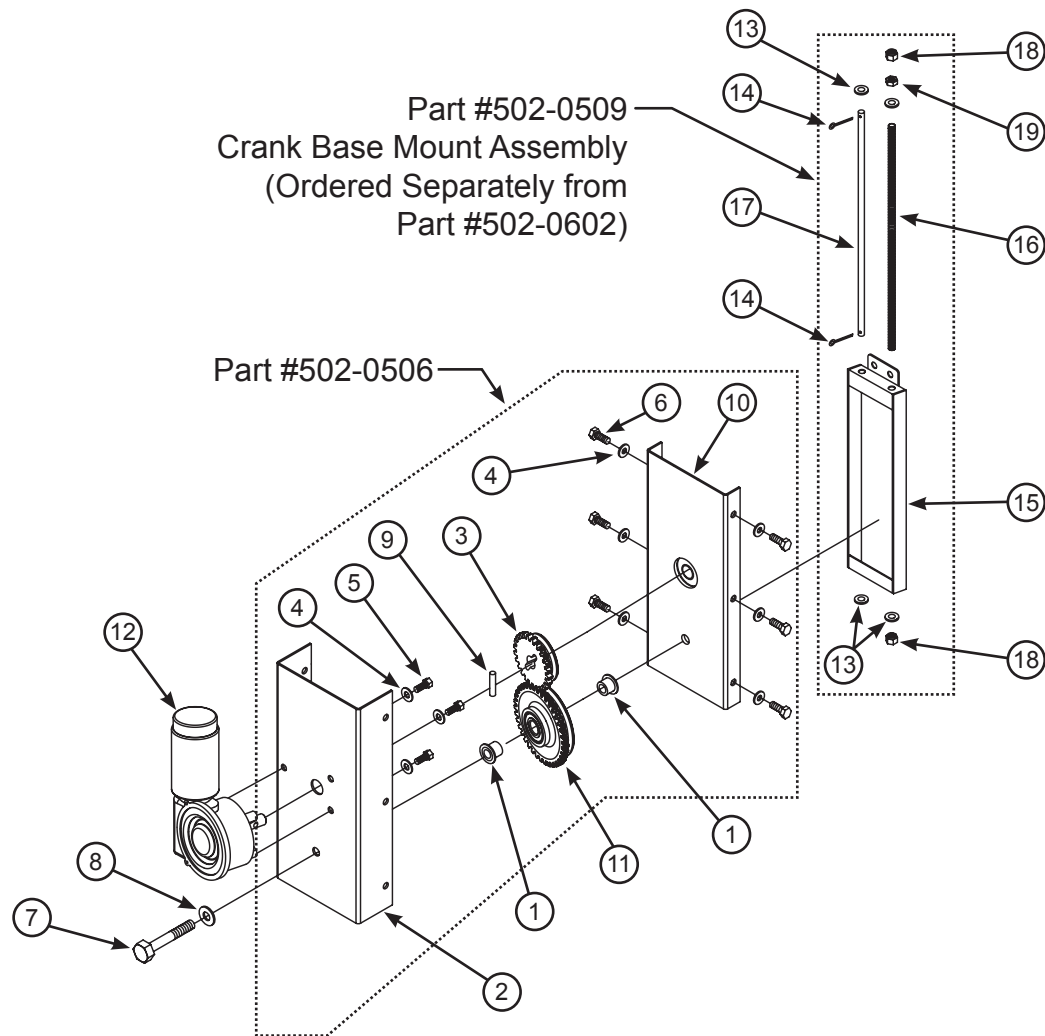
ITEM	PART #	DESCRIPTION	QTY
1	502-0546	1-1/8 Pulley Bushings	2
2	502-0561	Gear Drive Motor Mount	1
3	502-0570	24 Tooth Geared Pulley	1
4	505-3102	5/16" Lock Washer	9
5	503-3103	5/16" - 18 x 1" HHCS	3
6	503-3101	5/16" - 18 x 1/2" HHCS	6
7	503-5007	1/2" - 13 x 2-1/4" HHCS	1
8	505-5003	1/2" AN Lock Washer	1
9	517-0326	Diameter .312 x 1.5" Dowel Pin	1
10	502-0592	Adjustable Motor Cover Assembly with Bearing	1
11	502-0573	37 Tooth Geared Pulley with Bearings	1
12	517-0906	12V DC Electric Motor 1.1HP	1
--	517-0909	12V DC Electric Motor 1.3HP (Not Shown)	--
--	514-0123	6 Ga. Electrical Wire	90'
--	514-0505	Quick Disconnect Term 50 Amp	2
--	514-0114	Smart Switch Basic Kit	1

Crank Base Mount Assembly - Part #502-0509

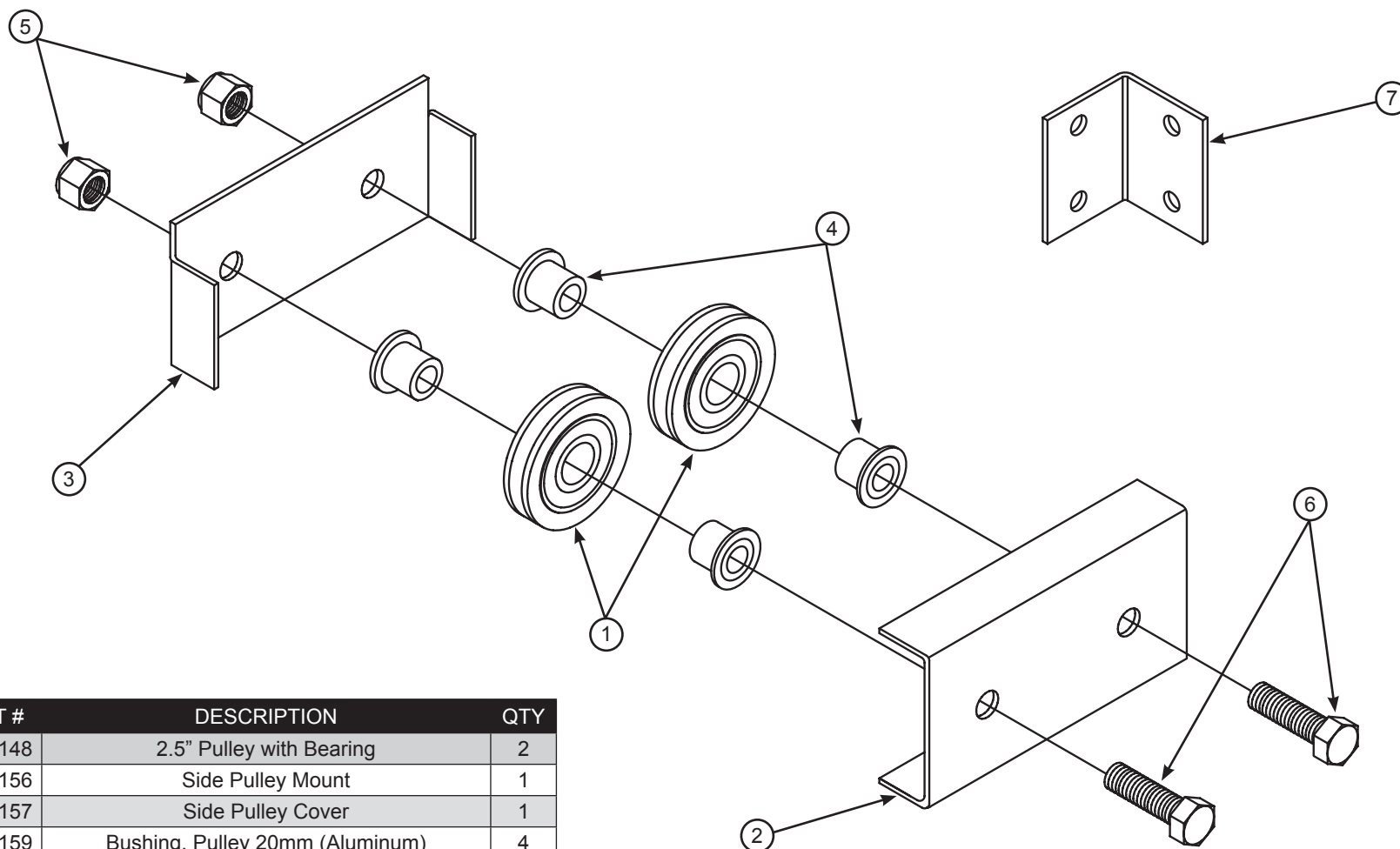
ITEM	PART #	DESCRIPTION	QTY
13	505-5001	1/2" AN Flat Washer	4
14	506-1201	1/8" x 1" Cotter Pin	2
15	502-0510	Crank Base Plate Assembly	1
16	502-0516	Crank Adj. Shaft, 1/2" - 13 x 14"lg. Threaded	1
17	502-0530	1/2" Guide Shaft 13 1/4"lg.	1
18	504-5004	1/2" - 13 Nyloc Nut	2
19	504-5005	1/2" - 13 Hex Nut	1

Wire Not Shown

REV. 10/10/16 WLH



Single Cable Optional Side Pulley Box Assembly #502-0108



ITEM	PART #	DESCRIPTION	QTY
1	502-0148	2.5" Pulley with Bearing	2
2	502-0156	Side Pulley Mount	1
3	502-0157	Side Pulley Cover	1
4	502-0159	Bushing, Pulley 20mm (Aluminum)	4
5	504-5004	1/2" - 13 Nyloc Nut	2
6	503-5014	1/2" - 13 x 1-3/4"lg. HHCS Bolt	2
7	502-0451	Slider Bracket	2

REV. 11/20/07 BAB

Twin Cable Top Slider Front Assembly and Associated Parts #301-XXXX

Associated Parts

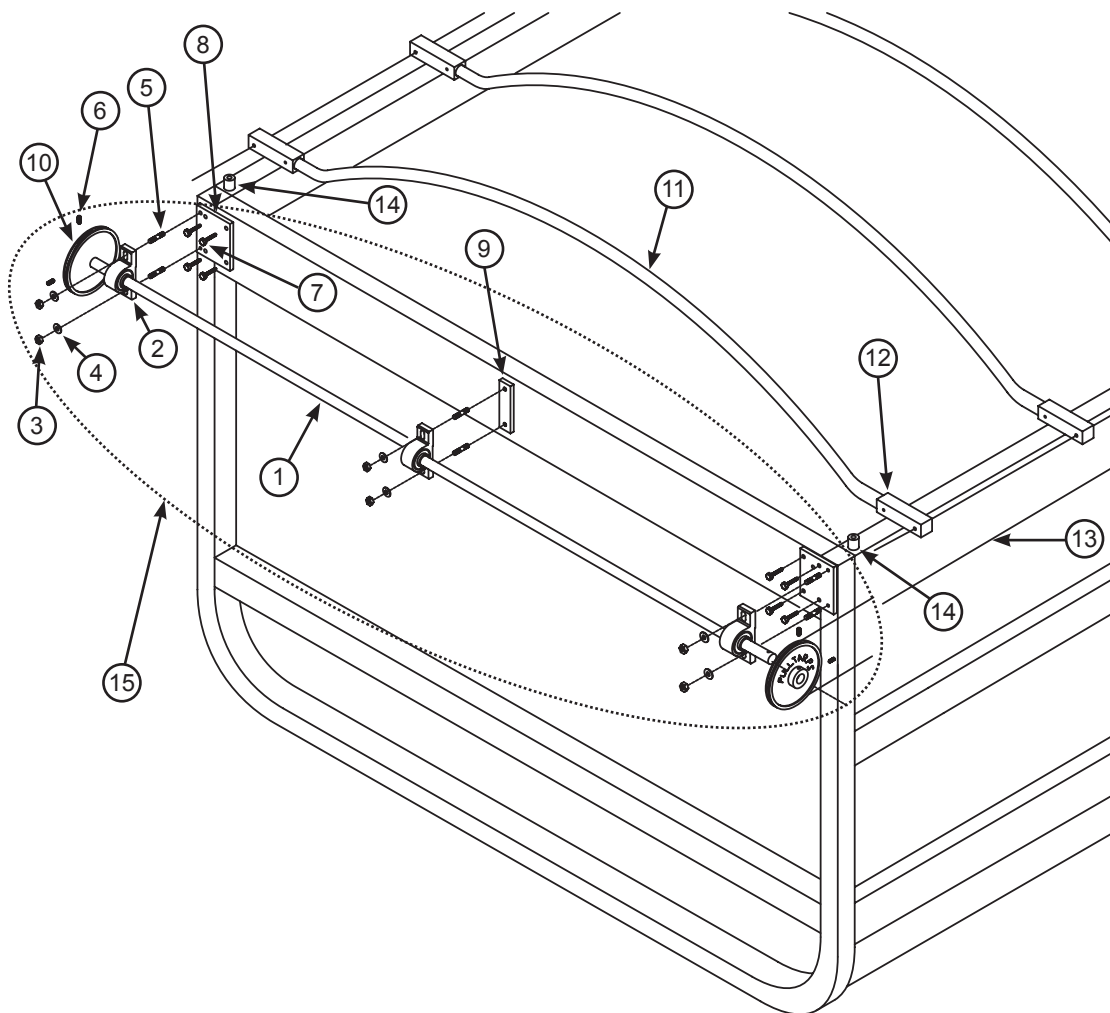
ITEM	PART #	DESCRIPTION	QTY
1	502-0114	1" Shaft - 108"	1
2	502-0801	Pillow Block Bearing	3
3	504-3702	Nut, 3/8" - 16 Hex Nut N	6
4	505-3702	Washer, 3/8" SAE Flat	6
5	506-3704	3/8" - 16 x 1-1/2" Dbl	6
6	506-3103	Set Screw, 5/16" - 18	4
7	506-3703	3/8" x 1" Self Threading	8
8	502-0166	Pillow Block Mounting	2
9	502-0167	Small Pillow Block Mounting	1
10	502-0168	7.5" Twin Cable Pulley	2
11	502-0326	16" Top Slider Bow - 106.5"	--
--	502-0327	16" Top Slider Bow - 97.5"	--
--	502-0321	12" Top Slider Bow - 106.5"	--
--	502-0323	12" Top Slider Bow - 97.5"	--
--	502-0322	6" Top Slider Bow - 106.5"	--
--	502-0324	6" Top Slider Bow - 97.5"	--
--	502-0386	6" Rear Bow - 102.5"	--
--	502-0388	12" Rear Bow - 102.5"	--
--	502-0390	16" Rear Bow - 102.5"	--
--	502-0385	6" Rear Bow - 97.5"	--
--	502-0387	12" Rear Bow - 97.5"	--
--	502-0389	16" Rear Bow - 97.5"	--
12	502-0304	8" Bow Slider	--
13	502-9901	1/4" Cable as Required	--
14	502-9917	Slider Stop	2

Quantities Vary Depending on Length

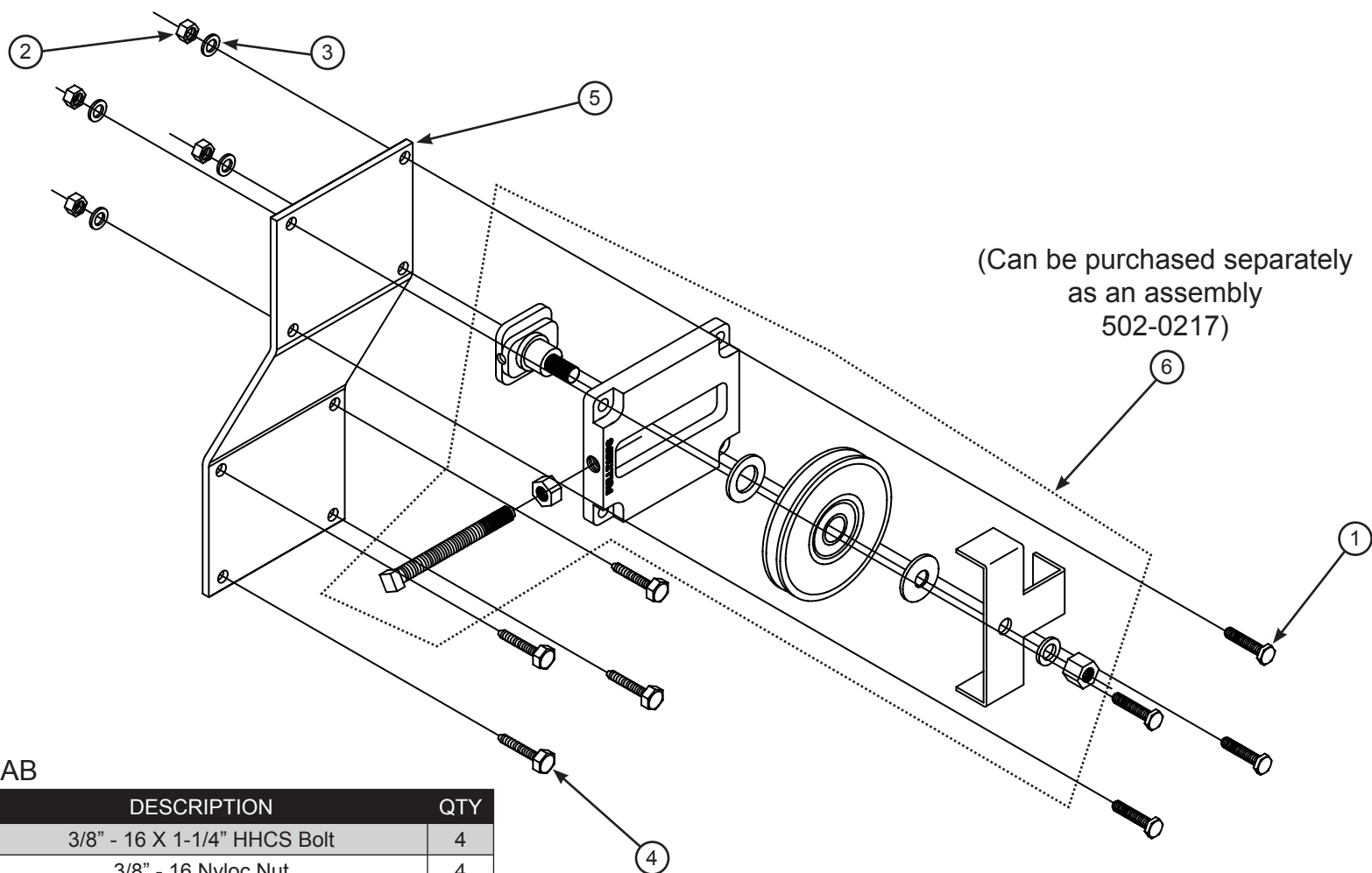
Front Pulley Assembly

ITEM	PART #	DESCRIPTION	QTY
15	502-0101	Front Pulley Assembly	1

REV. 02/14/17 WLH



Twin Cable Rear Pulley Mount #502-0202 with #502-0217



REV. 11/26/07 BAB

ITEM	PART #	DESCRIPTION	QTY
1	503-3705	3/8" - 16 X 1-1/4" HHCS Bolt	4
2	504-3702	3/8" - 16 Nyloc Nut	4
3	505-3703	3/8" Lock Washer	4
4	506-3703	3/8" x 1" Self Tapping Screw	4
5	502-0216	Twin Cable Rear Mounting Bracket	1
6	502-0217	TC Rear Pulley Assembly	1



Cable Systems

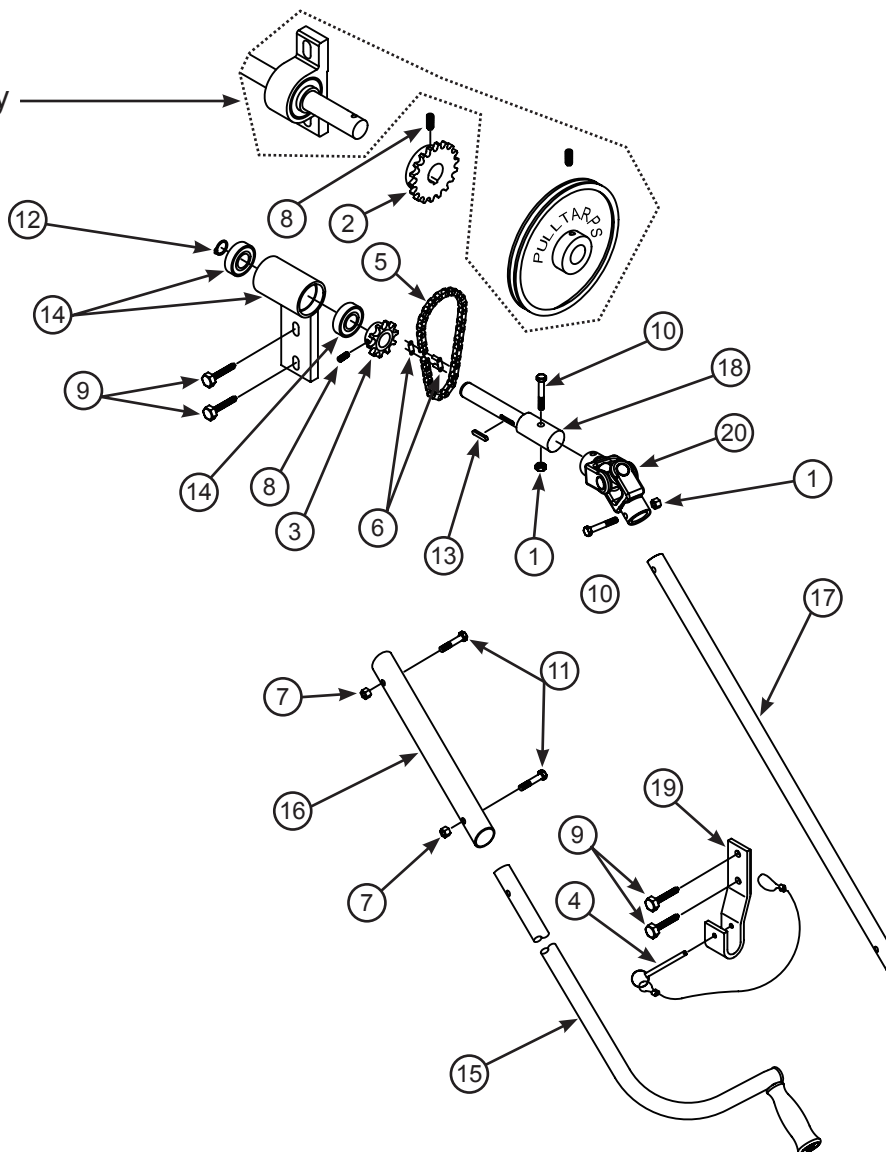
ITEM	PART #	
1	503-3109	5/16"
2	502-0565	1"
3	504-3103	
4	502-0552	Crank
5	503-3708	3/8"
6	504-3702	
7	502-0551	Crank
8	502-0550	Crank Handle
9	502-0559	Handle

ITEM	PART #	DESCRIPTION	QTY
1	503-3109	5/16" - 18 x 2"lg. HHCS Bolt	2
2	502-0565	1" U-Joint, H3 x H3 Std. Jt.	1
3	504-3103	5/16" - 18 Nyloc Nut	2
4	502-0552	Crank Handle Extension, 80"	1
5	503-3708	3/8" - 16 x 1-3/4"lg. HHCS Bolt	2
6	504-3702	3/8" - 16 Nyloc Nut	2
7	502-0551	Crank Handle Sleeve 48" Long	1
8	502-0550	Crank Handle Arm Assembly - Twin Cable	1
9	502-0559	Handle Latch for Twin Cable	1

REV. 11/27/07 BAB

Twin Cable Upper Gear Reduction Hand Crank #502-0504

Shown for Reference Only

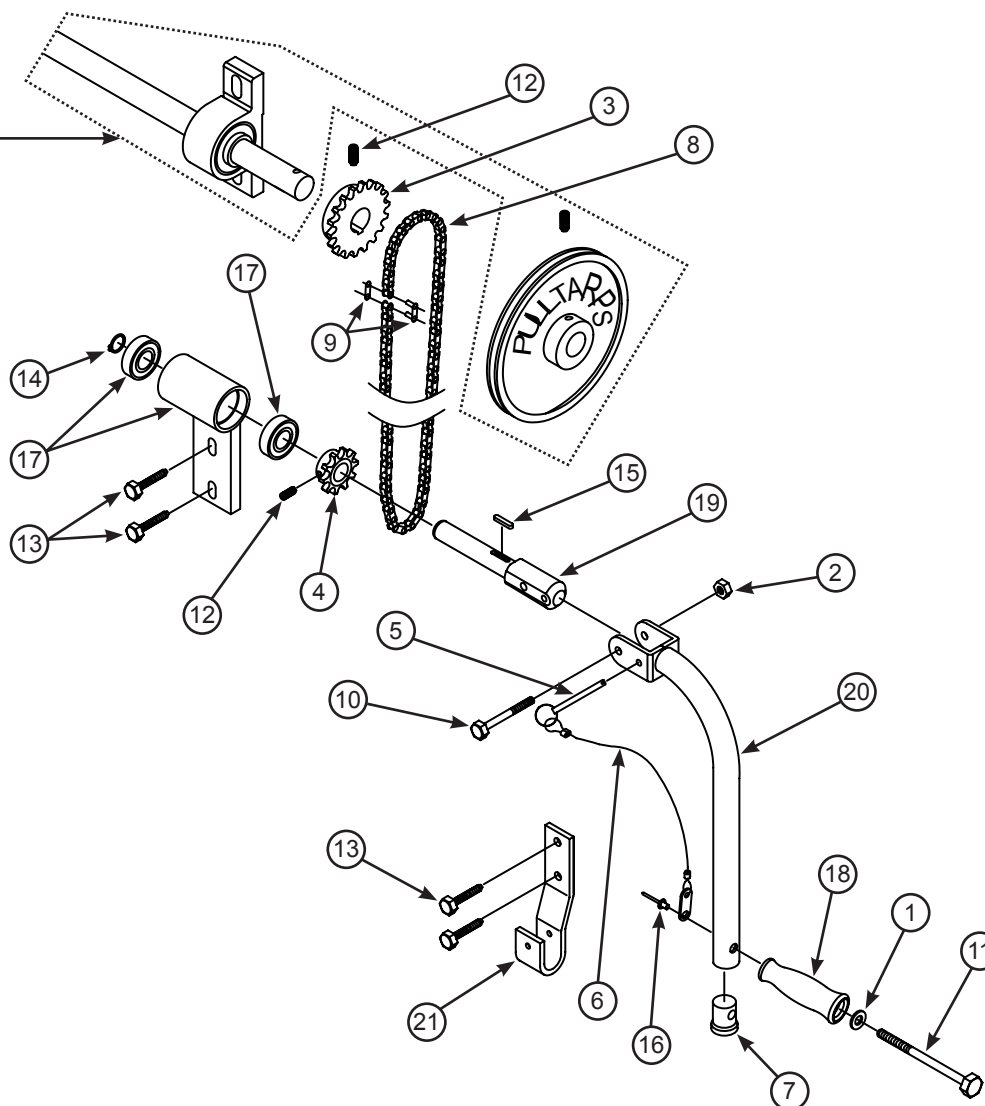


ITEM	PART #	DESCRIPTION	QTY
1	504-3103	5/16" - 18 Nyloc Nut	2
2	502-0513	40B16 x 1" Bore Sprocket	1
3	502-0515	40BS10 x 3/4" Bore Sprocket	1
4	502-0526	Latch Pin with Lanyard	1
5	502-0535	RC 40 Roller Chain	30"
6	502-0537	RC Roller Chain Master Link	1
7	504-3702	3/8" - 16 Nyloc Nut	2
8	506-3103	5/16" - 18 x 3/4" Set Screw	2
9	506-3703	3/8" x 1" Self Tapping Screw	4
10	503-3109	5/16" - 18 x 2" HHCS Bolt	2
11	503-3708	3/8" - 16 x 1-3/4" HHCS Bolt	2
12	506-7501	3/4" Spiral Lock	1
13	506-9922	3/16" x 3/4" Keystock	1
14	502-0544	Bearing Housing Assembly	1
15	502-0550	Crank Handle Arm Assembly - Twin Cable	1
16	502-0551	Crank Handle Sleeve 48" Long	1
17	502-0552	Crank Handle Extension, 80" Long	1
18	502-0554	Drive Shaft - 1" x 5-5/8"	1
19	502-0558	Handle Latch for Twin Cable	1
20	502-0565	1" U-Joint, H3 x H3 Std. Jt.	1

REV. 11/20/07 BAB

Twin Cable Standard Chain Drive Assembly #502-0505

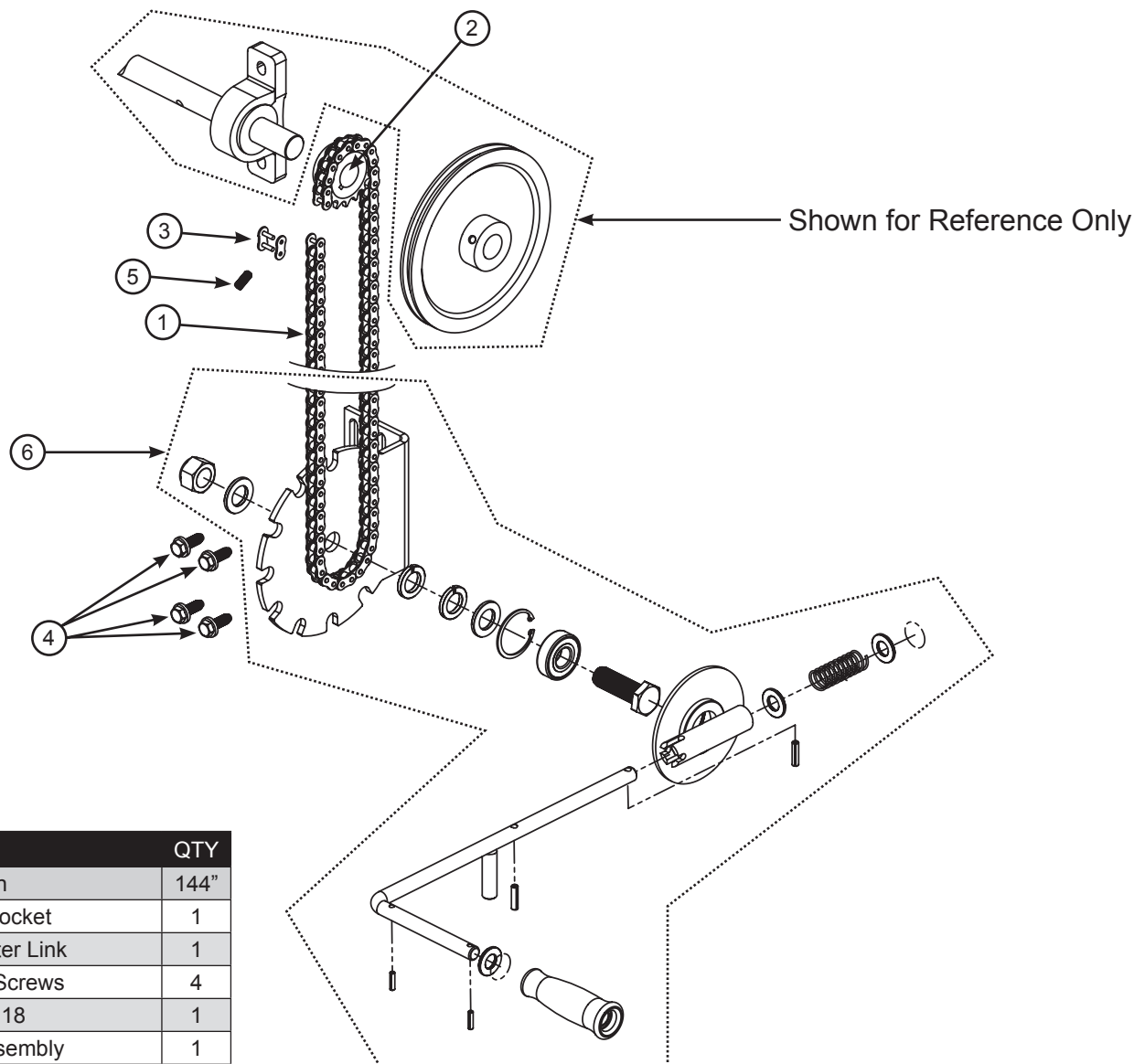
Shown for Reference Only



ITEM	PART #	DESCRIPTION	QTY
1	505-3702	3/8" Flast Washer	1
2	504-3103	5/16" - 18 Nyloc Nut	1
3	502-0513	40B16 x 1" Bore Sprocket	1
4	502-0515	40BS10 x 3/4" Bore Sprocket	1
5	502-0527	1/4" x 2-1/2" Cotterless Hitch Pin	1
6	502-0529	12" Lanyard 2 Loops with SS Tab	1
7	502-0532	Crank Handle Plug - .875"	1
8	502-0535	RC 40 Roller Chain	132"
9	502-0537	RC 40 Roller Chain Master Link	1
10	503-3108	5/16" - 18 x 1-3/4"lg. HHCS Bolt	1
11	503-3715	3/8" - 16 x 5"lg. HHCS Bolt	1
12	506-3103	5/16" - 18 x 3/4"lg. Set Screw	2
13	506-3703	3/8" x 1"lg. Self Tapping Screw	4
14	506-7501	3/4" Spiral Lock	1
15	506-9922	3/16" x 3/4" Long Keystock	1
16	506-1801	3/16" x .126 - .250 Steel Pop Rivet	1
17	502-0544	Bearing Housing Assembly	1
18	502-0548	UHMW Crank Handle	1
19	502-0553	Drive Shaft - 1-1/8" x 6-1/2"	1
20	502-0556	Lower Gear Crank Handle Arm Assembly	1
21	502-0558	Handle Latch for Twin Cable	1

REV. 11/20/07 BAB

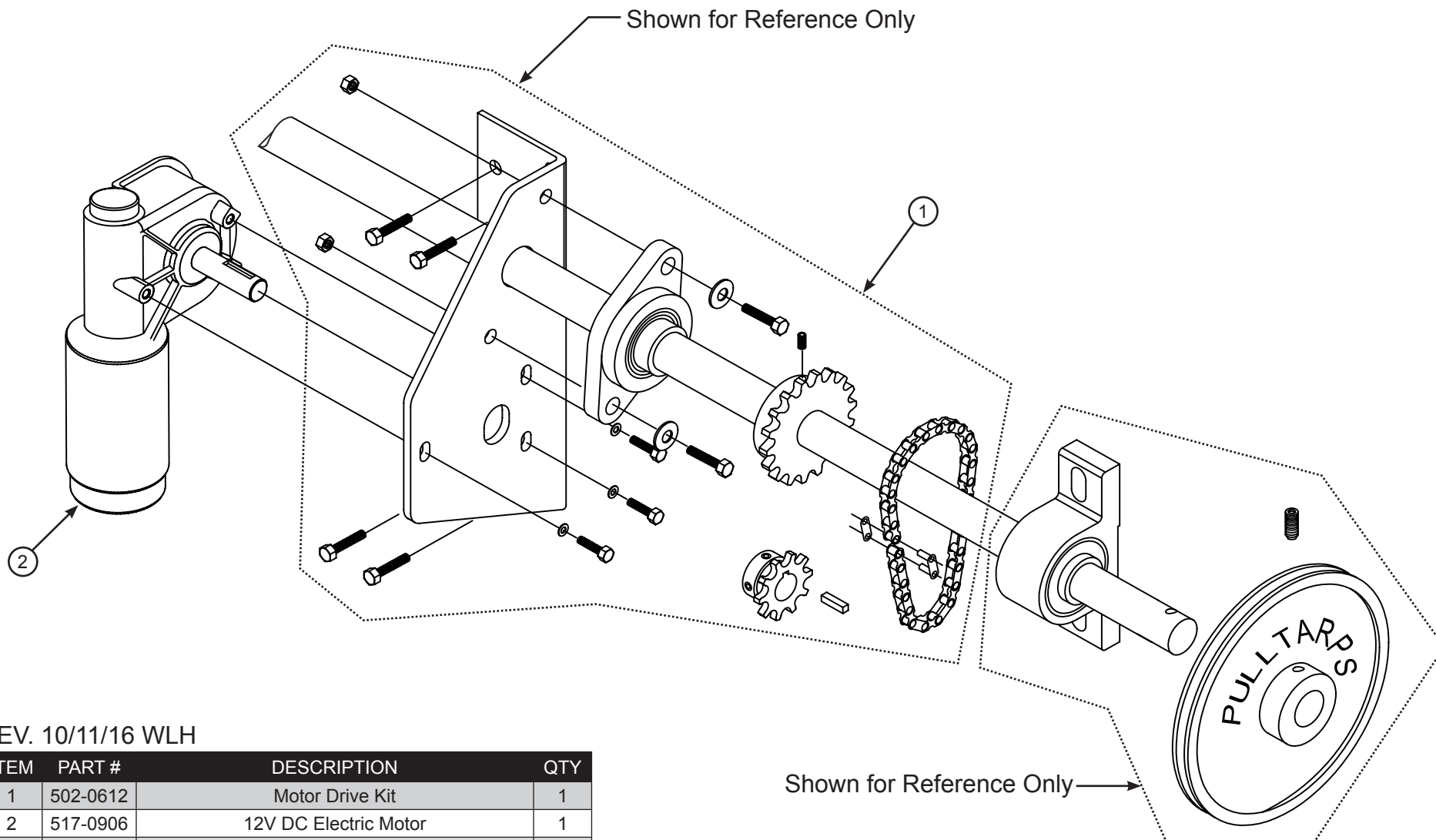
Basic Hand Crank Kit #502-0591



REV. 11/20/07 BAB

ITEM	PART #	DESCRIPTION	QTY
1	502-0535	#40 Roller Chain	144"
2	502-0513	40B16 x 1" Bore Sprocket	1
3	502-0537	#40 Roller Chain Master Link	1
4	506-3703	3/8 x 1" Self Tapping Screws	4
5	506-3103	Set Screw 5/16" - 18	1
6	502-0584	Basic Hand Crank Assembly	1

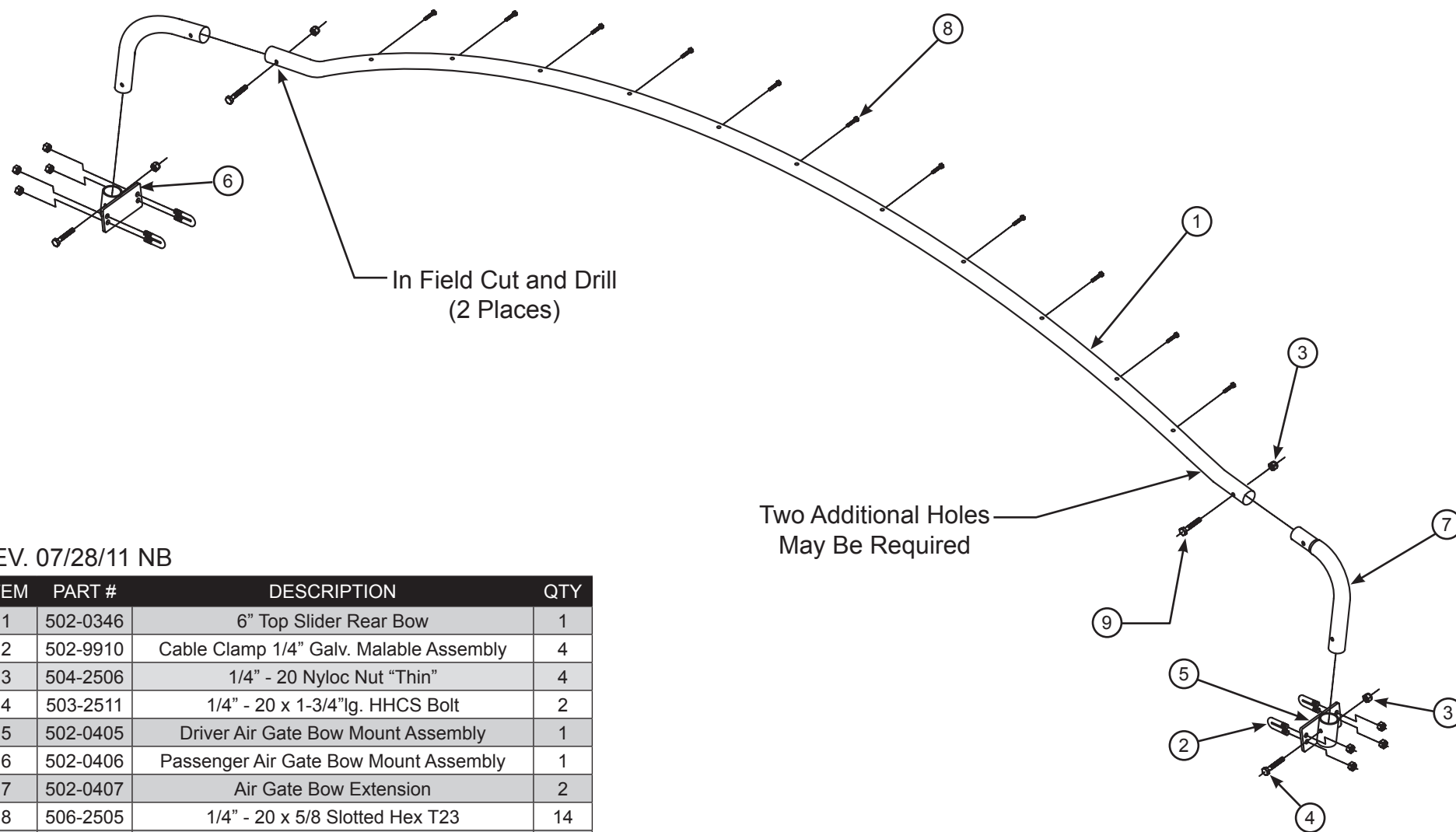
Twin Cable Motor Drive Assembly #502-0610



REV. 10/11/16 WLH

ITEM	PART #	DESCRIPTION	QTY
1	502-0612	Motor Drive Kit	1
2	517-0906	12V DC Electric Motor	1
--	514-0121	6 Ga. Electrical Wire (Not Shown)	70'
--	514-0114	Electric Switch Assembly 50 Amp (Not Shown)	1

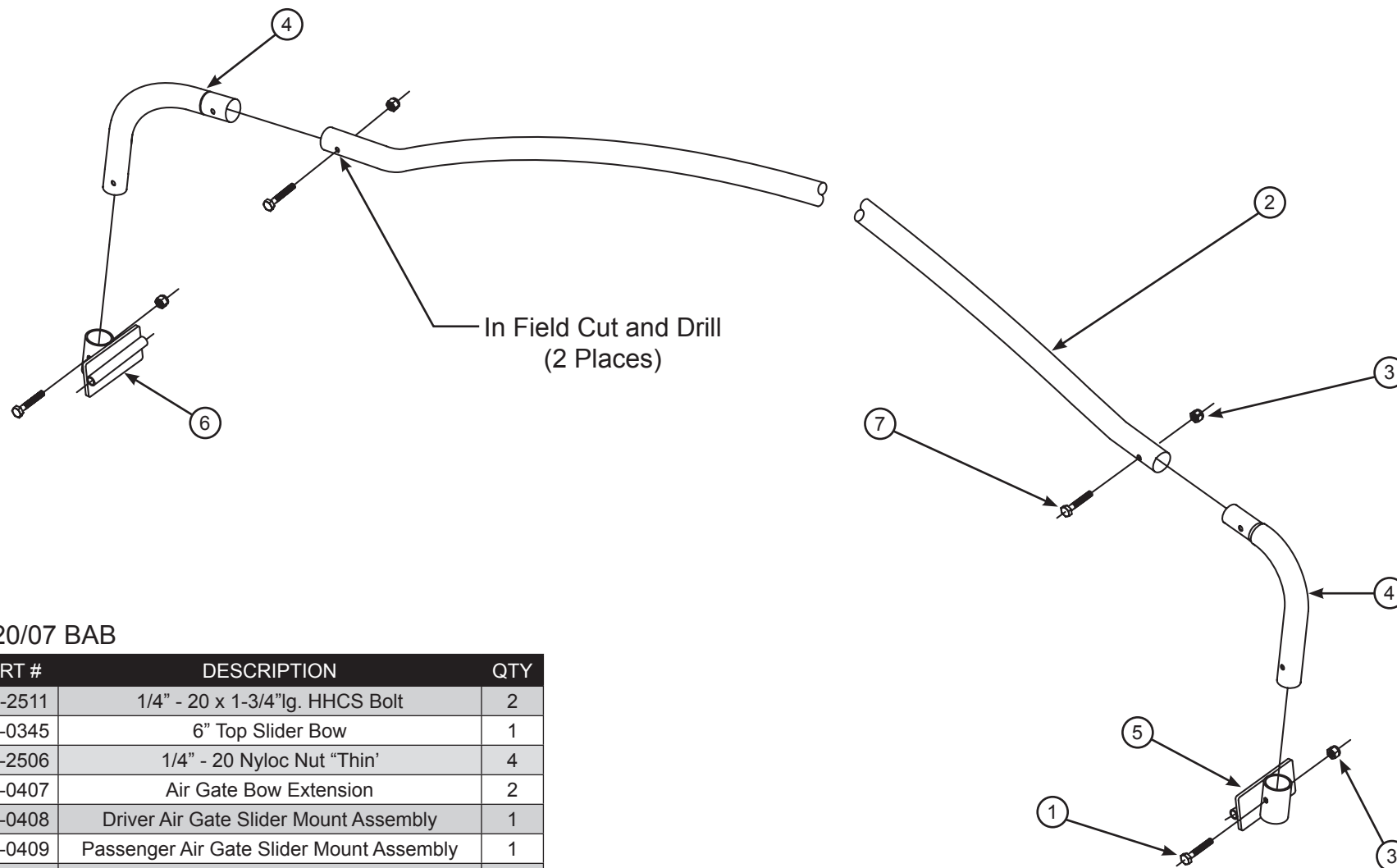
Top Slider Rear Air Gate Bow Assembly #502-0403



REV. 07/28/11 NB

ITEM	PART #	DESCRIPTION	QTY
1	502-0346	6" Top Slider Rear Bow	1
2	502-9910	Cable Clamp 1/4" Galv. Malable Assembly	4
3	504-2506	1/4" - 20 Nyloc Nut "Thin"	4
4	503-2511	1/4" - 20 x 1-3/4"lg. HHCS Bolt	2
5	502-0405	Driver Air Gate Bow Mount Assembly	1
6	502-0406	Passenger Air Gate Bow Mount Assembly	1
7	502-0407	Air Gate Bow Extension	2
8	506-2505	1/4" - 20 x 5/8 Slotted Hex T23	14
9	503-2510	1/4" - 20 x 1-1/2" HCS Bolt	2

Top Slider Air Gate Bow Assembly #502-0404



REV. 11/20/07 BAB

ITEM	PART #	DESCRIPTION	QTY
1	503-2511	1/4" - 20 x 1-3/4"lg. HHCS Bolt	2
2	502-0345	6" Top Slider Bow	1
3	504-2506	1/4" - 20 Nyloc Nut "Thin"	4
4	502-0407	Air Gate Bow Extension	2
5	502-0408	Driver Air Gate Slider Mount Assembly	1
6	502-0409	Passenger Air Gate Slider Mount Assembly	1
7	503-2510	1/4" - 20 x 1-1/2" Bolt	2



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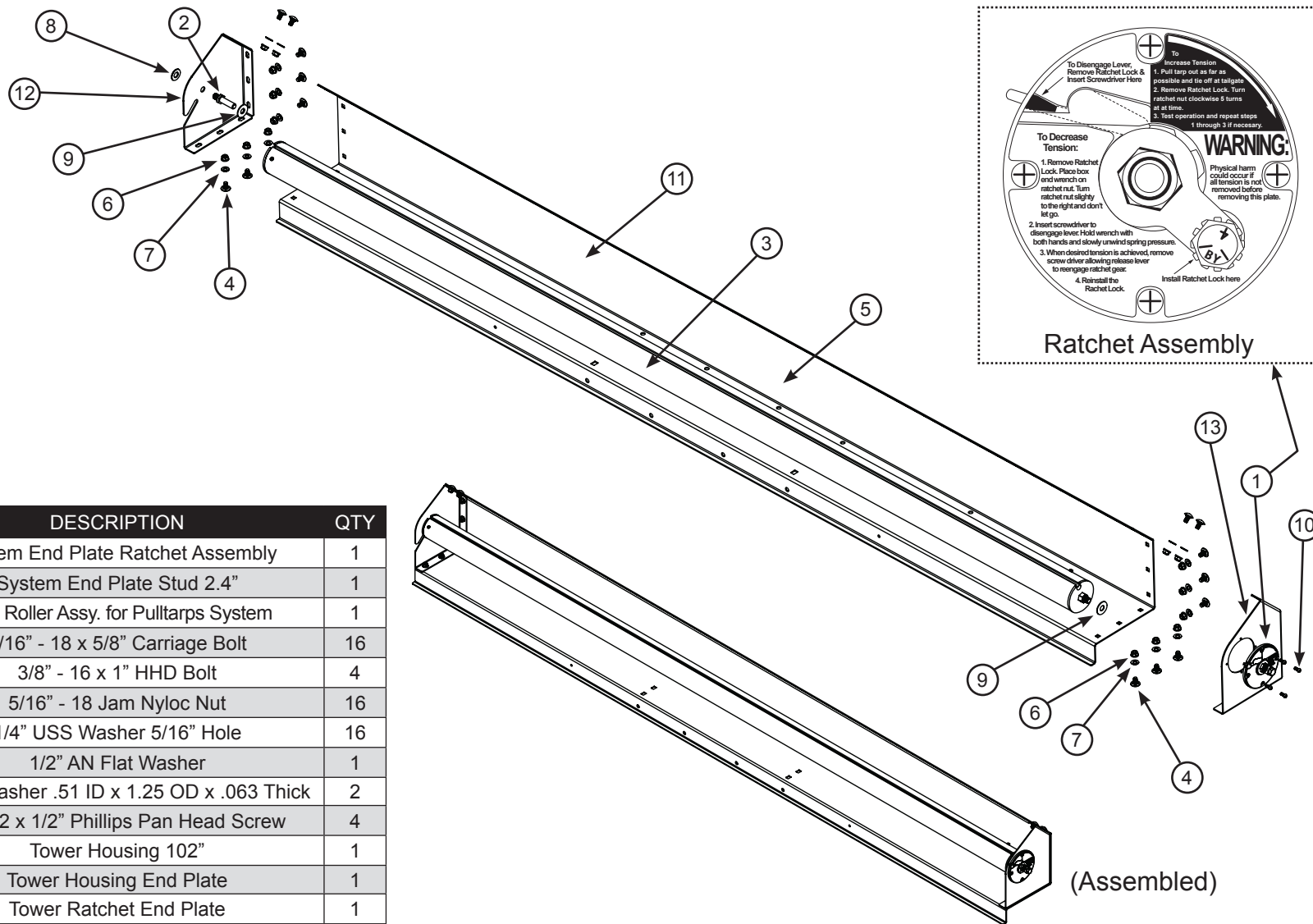
Waste Systems

WASTE SYSTEMS



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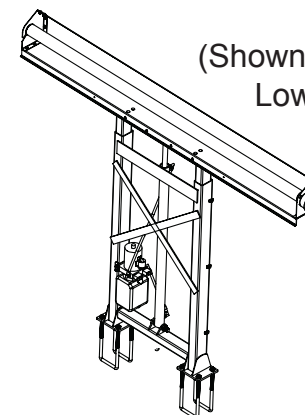
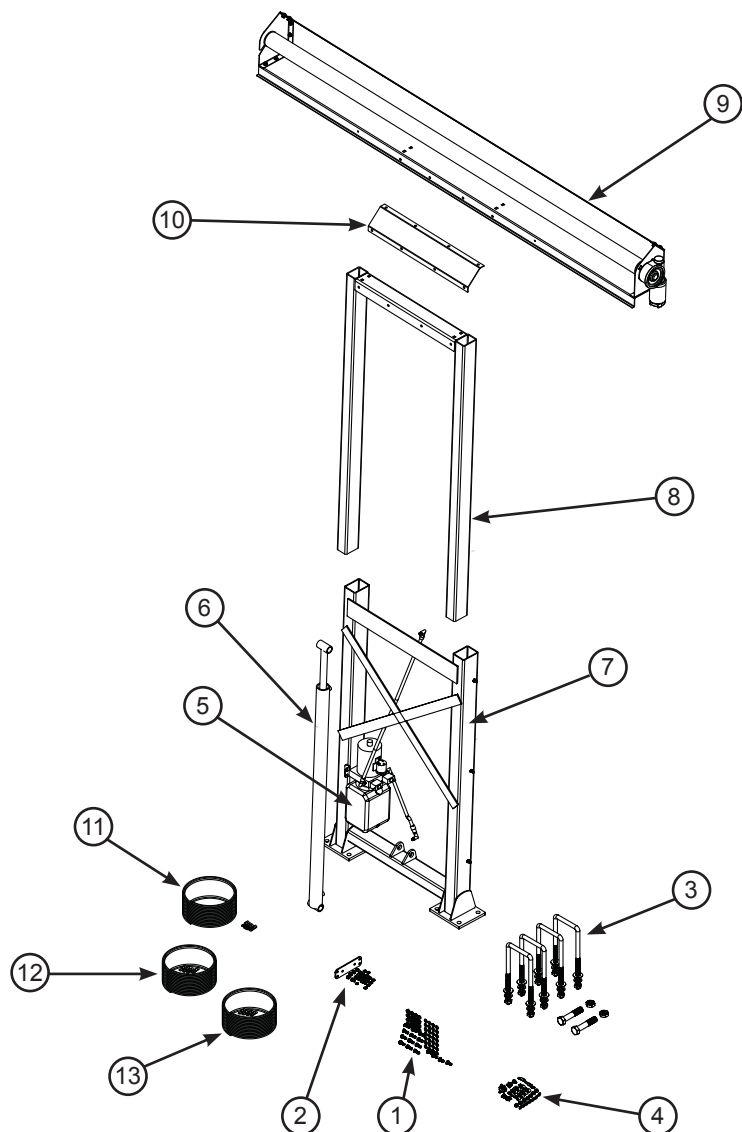
Tower Housing #513-0073



ITEM	PART #	DESCRIPTION	QTY
1	501-0630	System End Plate Ratchet Assembly	1
2	501-0801	System End Plate Stud 2.4"	1
3	501-1369	102" Roller Assy. for Pulltarps System	1
4	503-3118	5/16" - 18 x 5/8" Carriage Bolt	16
5	503-3704	3/8" - 16 x 1" HHD Bolt	4
6	504-3102	5/16" - 18 Jam Nyloc Nut	16
7	505-2502	1/4" USS Washer 5/16" Hole	16
8	505-5001	1/2" AN Flat Washer	1
9	505-5002	Nylon Washer .51 ID x 1.25 OD x .063 Thick	2
10	506-9905	10 - 32 x 1/2" Phillips Pan Head Screw	4
11	513-0061	Tower Housing 102"	1
12	513-0062	Tower Housing End Plate	1
13	513-0072	Tower Ratchet End Plate	1

REV. 10/24/16 WLH

Tower Assembly #513-0011

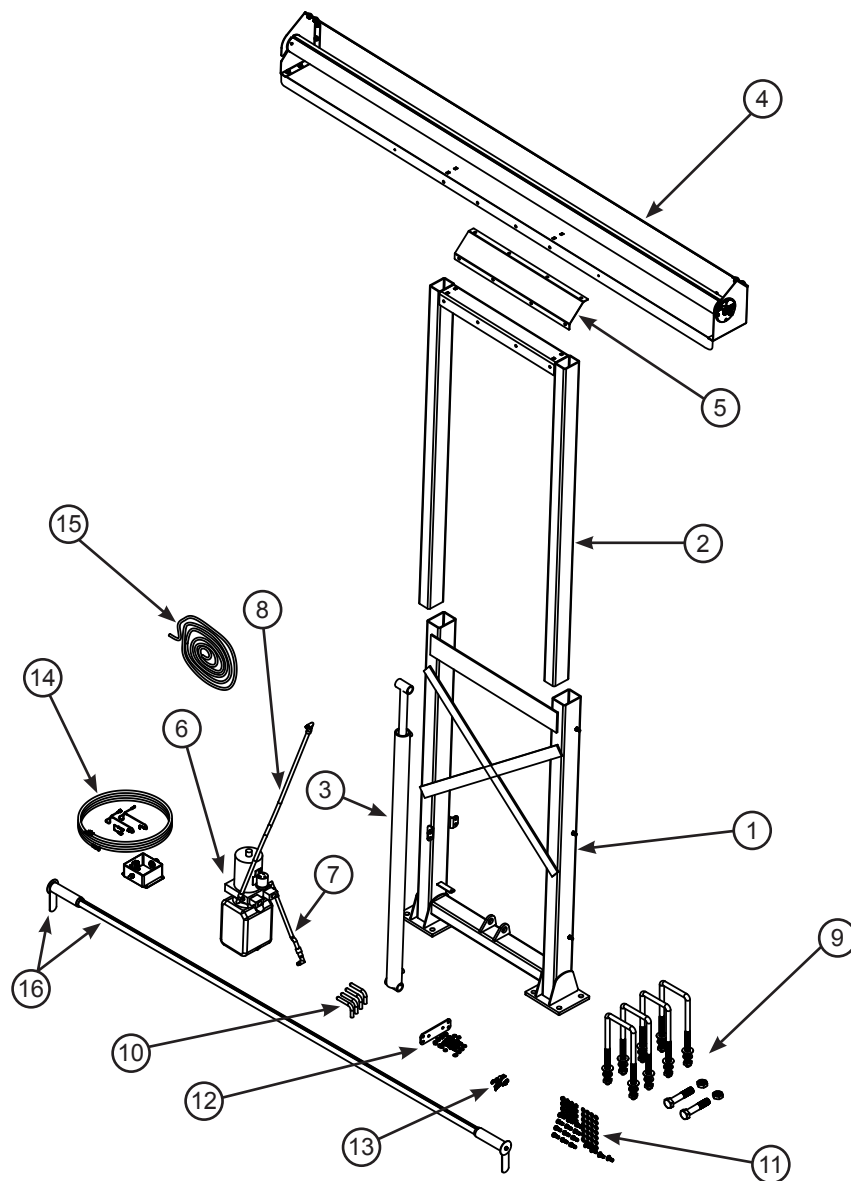


(Shown Assembled and in Lowered Position)

ITEM	PART #	DESCRIPTION	QTY
1	501-0662	Tower Housing Hardware Kit	1
2	501-0663	Pump Hardware Kit	1
3	501-0664	U Bolt / Cylinder Hardware Kit	1
4	501-0666	Electric Tower Hardware Bag	1
5	501-2312	Single Valve Power Pack	1
6	501-2311	2" Bore x 48" Long Hydraulic Cylinder	1
7	513-0015	Single Stage Base Assembly	1
8	513-0016	Stage 1 Extension	1
9	513-0017	102" Tower Housing	1
10	513-0064	Tower Housing Brace 30"	1
11	514-9986	10' Pump Power Wire	1
12	514-9989	10' Switch Power Wire	1
13	514-9990	19' Motor Power Wire	1

REV. 10/24/16 WLH

Tower Assembly #513-0074



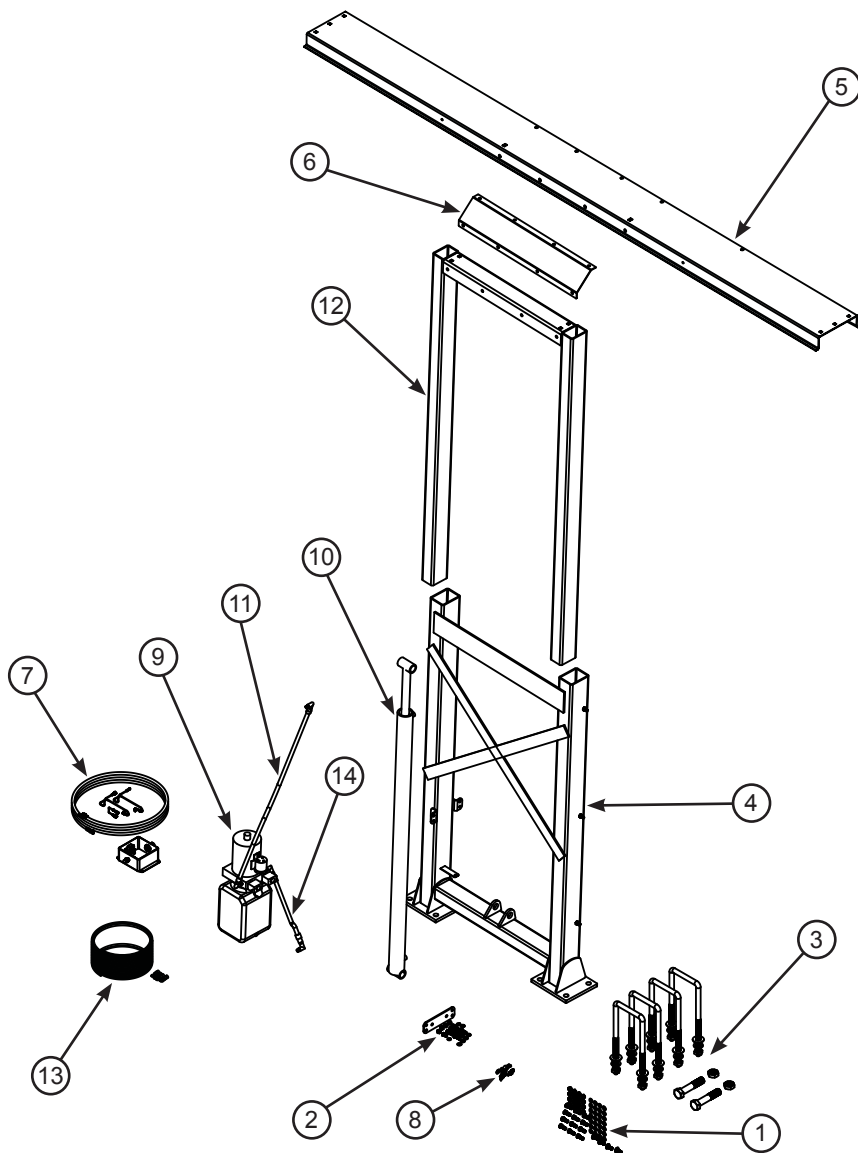
ITEM	PART #	DESCRIPTION	QTY
1	513-0015	Single Stage Base Assembly	1
2	513-0016	Stage 1 Extension	1
3	501-2311	2" Bore x 48" Long Hydraulic Cylinder	1
4	513-0073	102" Tower Pulltarps Housing	1
5	513-0064	Tower Housing Brace 30"	1
6	501-2312	Single Valve Power Pack	1
7	501-2307	14" Hydraulic Hose	1
8	501-2308	42" Hydraulic Hose Assembly	1
9	501-0664	U-Bolt / Cylinder Hardware Kit	1
10	501-0621	Steel rope Hook Kit	1
11	501-0662	Tower Housing Hardware Kit	1
12	501-0663	Pump Hardware Kit	1
13	501-0665	Switch Box Hardware Bag	1
14	514-9988	Tower Switch Box	1
15	517-1009	Pullrop 50'	1
16	501-0420	105" Pullrod with Hardware Bag	1
--	501-2310	1/4" x Male x 38/" ORB 90 Pipe Fit (Not Shown)	4

REV. 10/24/16 WLH

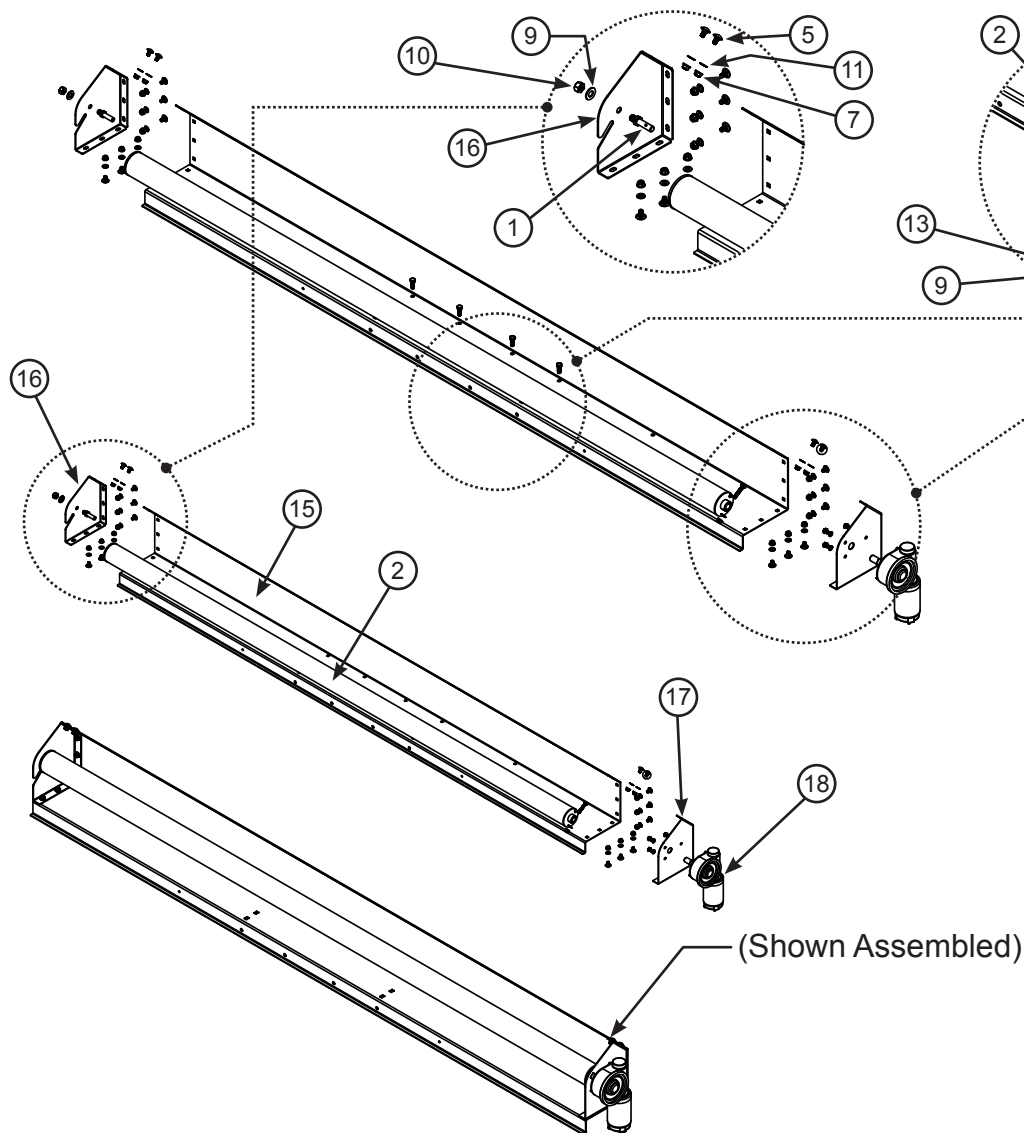
Single Stage Tower with Tray #513-0068

ITEM	PART #	DESCRIPTION	QTY
1	501-0662	Tower Housing Hardware Kit	1
2	501-0663	Pump Hardware Kit	1
3	501-0664	U Bolt / Cylinder Hardware Kit	1
4	513-0015	Single Stage Base Assembly	1
5	513-0070	100" Tower Tray	1
6	513-0071	30" Tower Tray Brace	1
7	514-9988	Tower Switch Box	1
8	501-0665	Switch Box Hardware Bag	1
9	501-2312	Single Valve Power Pack	1
10	501-2311	2" Bore x 48" Long Hydraulic Cylinder	1
11	501-2308	42" Hydraulic Hose Assembly	1
12	513-0016	Stage 1 Extension	1
13	514-9986	10' Pump Power Wire	1
14	501-2307	14" Hydraulic Hose Assembly	1
--	501-2310	1/4" x Male x 3/8" ORB 90 Pipe Fitting (Not Shown)	4

REV. 10/18/16 WLH



102" Tower Housing #513-0017



ITEM	PART #	DESCRIPTION	QTY
1	501-0801	2" End Plate Stud	1
2	501-1368	102" Roller Assembly for Electric Drive	1
3	504-3102	5/16" x 5/8" Length Hex HD Cap Screw	3
4	503-3108	5/16" - 18 x 1-3/4" HHCS Bolt	1
5	503-3118	5/16" - 18 x 5/8" Carriage Bolt	16
6	503-3704	3/8" - 16 x 1" HHD Bolt	4
7	504-3102	5/16" - 18 Jam Nyloc Nut	16
8	504-3103	5/16" - 18 Nyloc Nut	1
9	504-3702	Nut, 3/8" - 16 Hex Nut Nyloc Zinc Plt	4
10	504-5001	1/2" Crimp Nut	1
11	505-2502	1/4" USS Washer 5/16" HOLE	17
12	505-3102	5/16" Lock Washer	3
13	505-3702	Washer 3/8" SAE Flat Zinc	4
14	505-5001	1/2" AN Flat Washer	1
15	513-0061	Tower Housing 102"	1
16	513-0062	Tower Housing End Plate	1
17	513-0063	Tower Electric End Plate	1
18	517-0909	12V DC Electric Motor 1.3HP	1

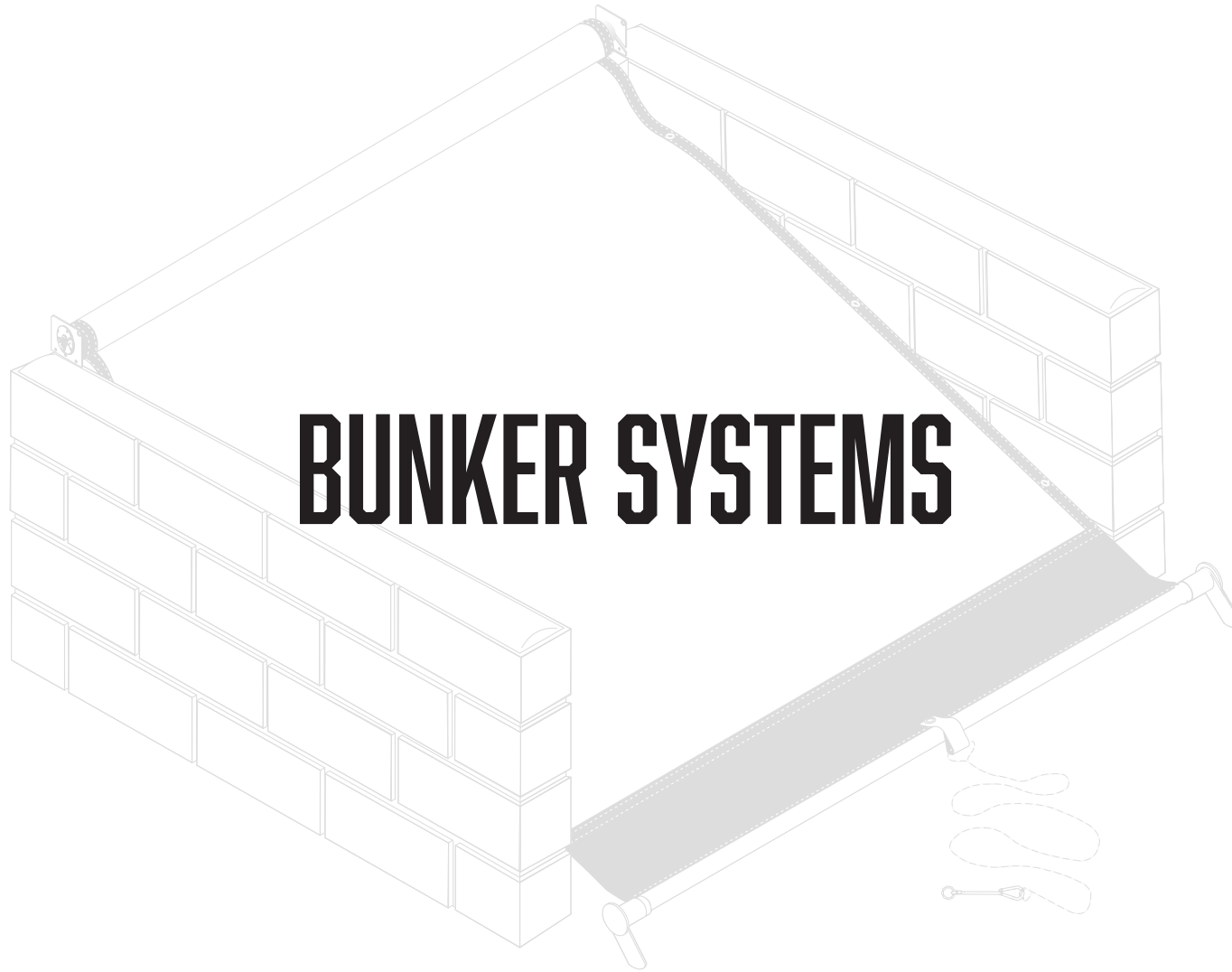
REV. 11/15/16 WLH



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Bunker Systems



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Bunker Systems

9" Open Bunker System #105-1830

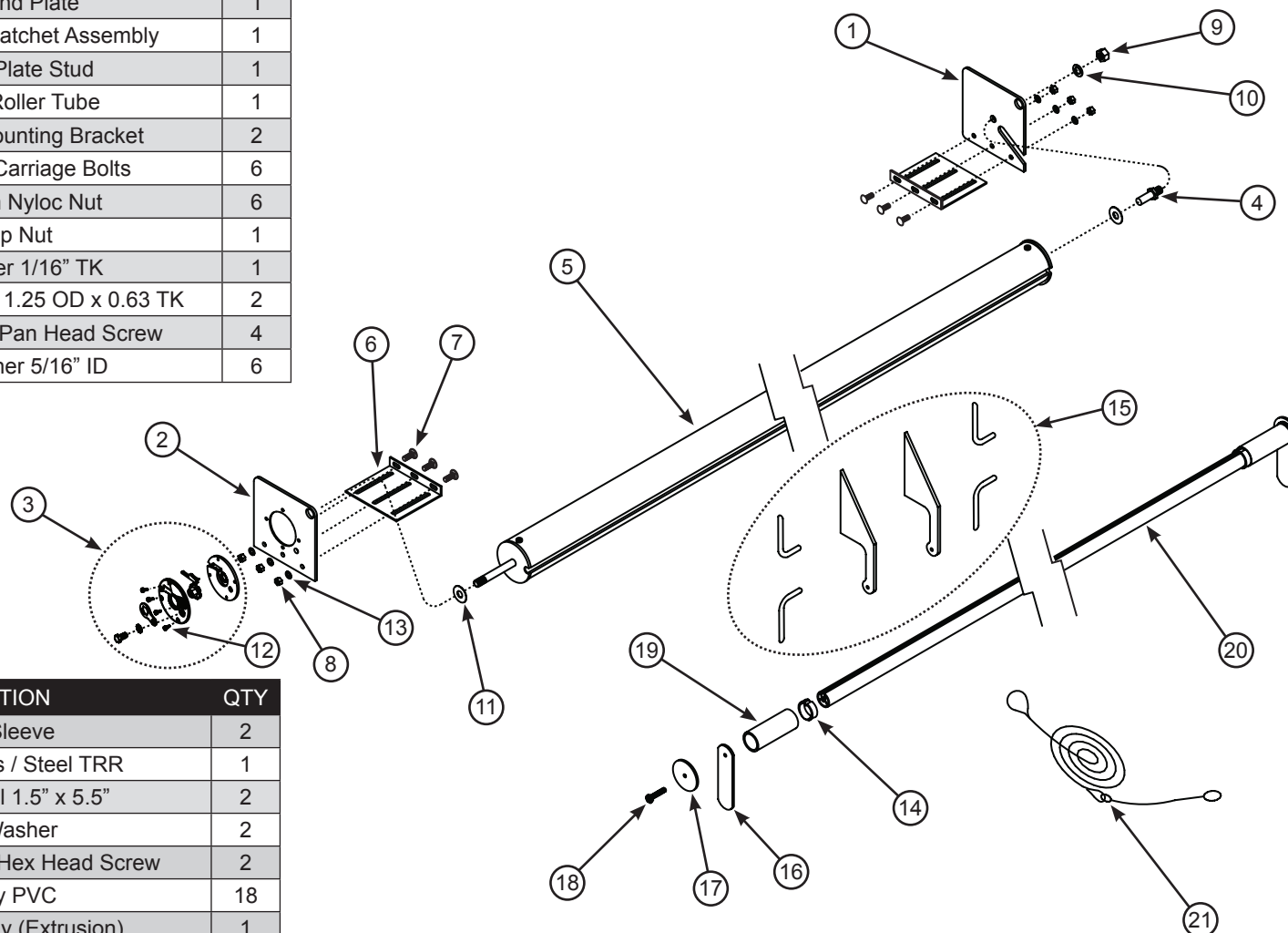
(Width of 183")

ITEM	PART #	DESCRIPTION	QTY
1	501-0220	9" End Plate without Stud	1
2	501-0289	9" Bunker End Plate	1
3	501-0647	System End Plate Ratchet Assembly	1
4	501-0801	System End Plate Stud	1
5	501-1371	183" Bunker Roller Tube	1
6	501-1555	Bunker System Mounting Bracket	2
7	503-3104	5/16" - 18 x 3/4" Carriage Bolts	6
8	504-3102	5/16" - 18 Jam Nyloc Nut	6
9	504-5001	1/2" Crimp Nut	1
10	505-5001	1/2" AN Washer 1/16" TK	1
11	505-5002	Washer Nylon 0.5 ID x 1.25 OD x 0.63 TK	2
12	506-9937	10-32 x 5/8" Phillips Pan Head Screw	4
13	505-2502	1/4" USS Washer 5/16" ID	6

REV. 12/05/16 WLH

Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
14	501-1410	Reliance Sleeve	2
15	501-0623	Steel Rope Hooks / Steel TRR	1
16	501-0644	Tarp Guide Steel 1.5" x 5.5"	2
17	505-0201	Pull Rod Washer	2
18	506-2502	1/4" - 20 x 1" Slotted Hex Head Screw	2
19	517-0106	1-1/4" Grey PVC	18
20	517-0610	Pull Rod 204" Only (Extrusion)	1
21	517-1006	35' Pull Rope with Bungee	1



ITEM	PART #	DESCRIPTION	QTY
1	501-0220	9" End Plate without Stud	1
2	501-0289	9" Bunker End Plate	1
3	501-0647	System End Plate Ratchet Assembly	1
4	501-0801	System End Plate Stud	1
5	501-1370	288" Bunker Roller Tube	1
6	501-1555	Bunker System Mounting Bracket	2
7	503-3104	5/16" - 18 x 3/4" Carriage Bolts	6
8	504-3102	5/16" - 18 Jam Nyloc Nut	6
9	504-5001	1/2" Crimp Nut	1
10	505-2502	1/4" USS Washer 5/16" ID	6
11	505-5001	1/2" AN Washer 1/16" TK	1
12	505-5002	Washer Nylon 0.5 ID x 1.25 OD x 0.63 TK	4
13	506-9937	10-32 x 5/8" Phillips Pan Head Screw	4
14	501-1420	1/2" x 66" Spring Shaft with CAD	1
15	501-1403	1/2" x 66" Spring Shaft with CAD	1
16	501-1411	1/2" x 59.5" PVC SCH 40 Spacer	2
17	517-9916	Main Spring	2
18	517-0104	Torque Block	2
19	506-1201	1/8" x 1" Cotter Pin	2
20	505-5001	1/2" AN Washer 1/16" TK	2

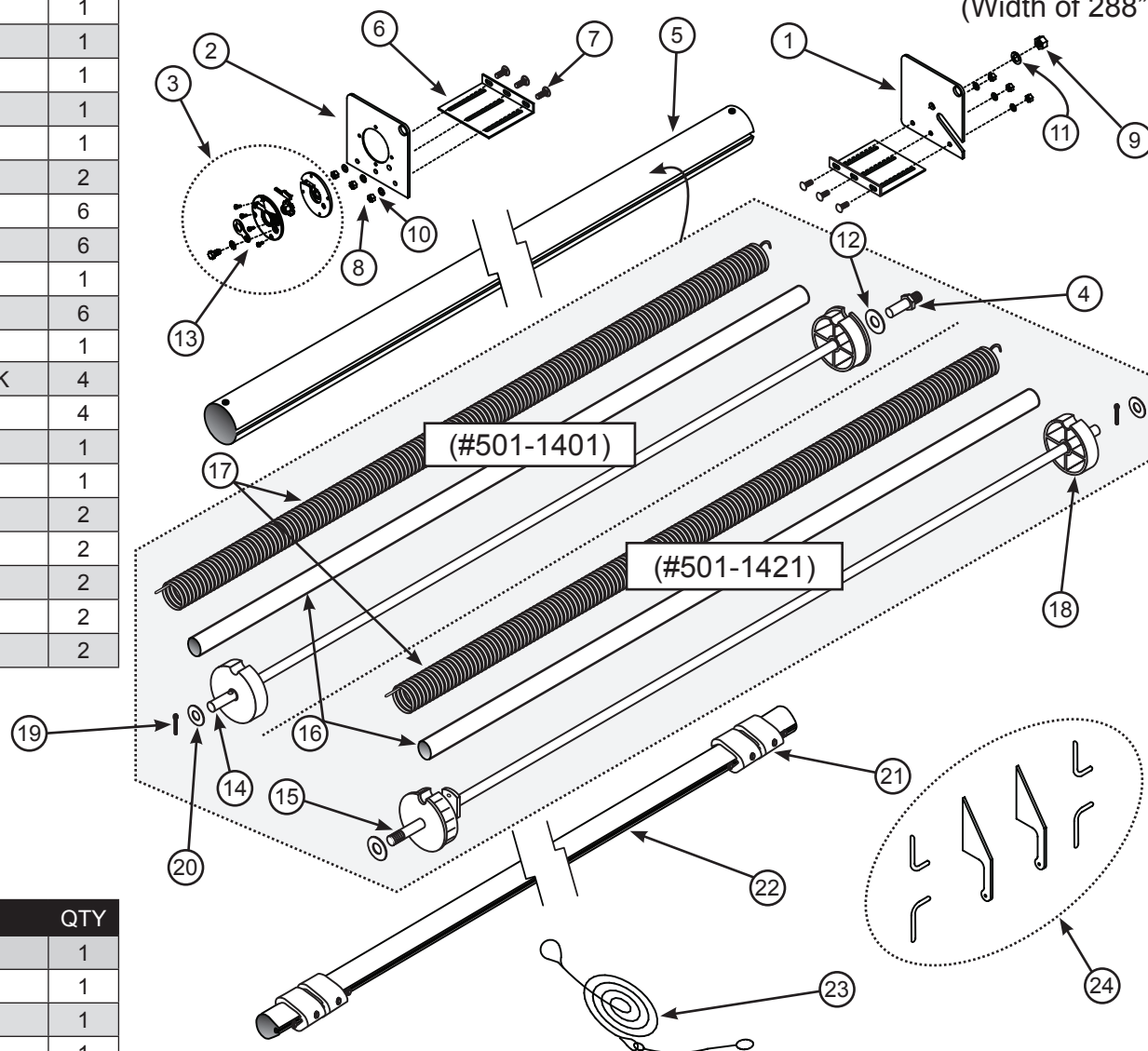
REV. 12/14/16 WLH

Universal Teardrop Pullrod Hardware

ITEM	PART #	DESCRIPTION	QTY
21	501-1293	Teardrop Bumper Kit	1
22	517-0636	288" Teardrop Pull Bar	1
23	517-1009	50' Pull Rod with Bungee	1
24	501-0623	Steel Rop Hooks / Steel TRR	1

9" Open Bunker System #105-2880

(Width of 288")

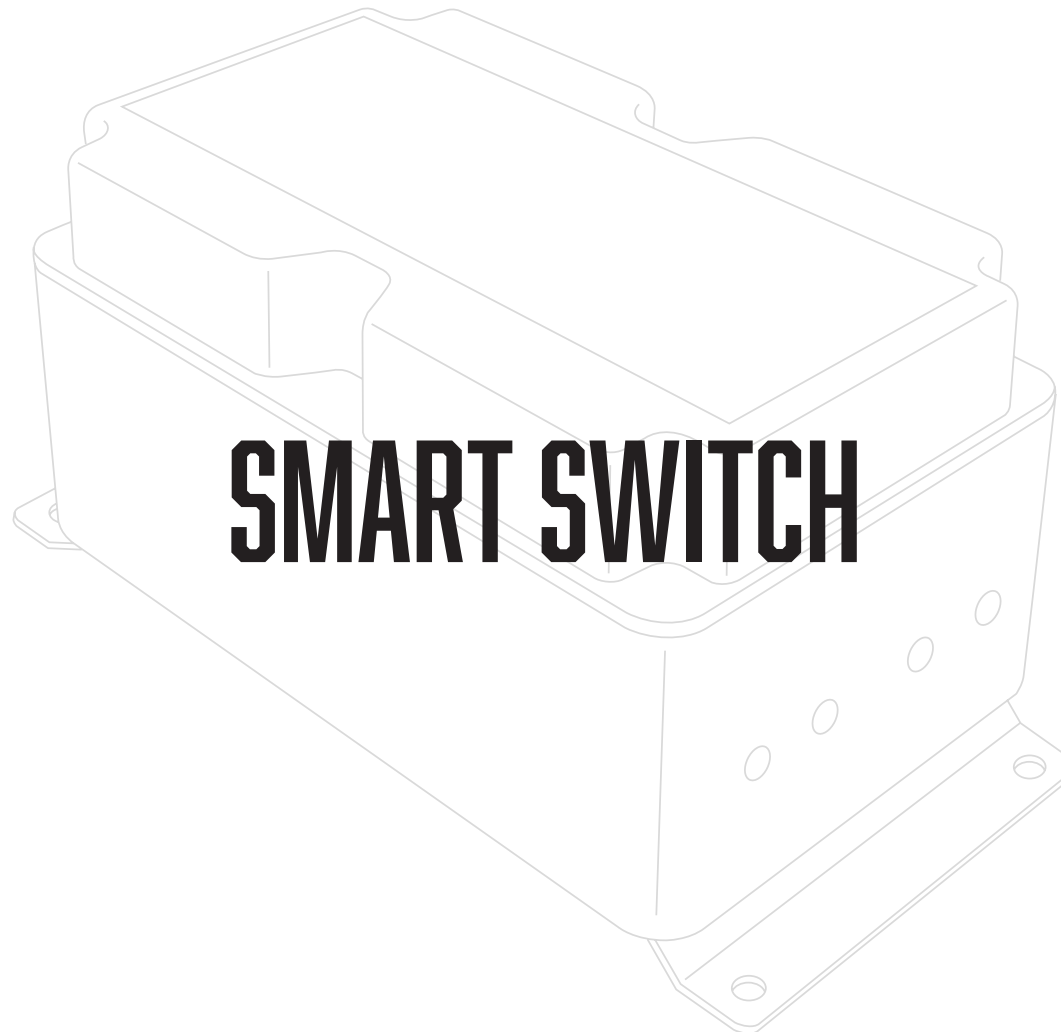




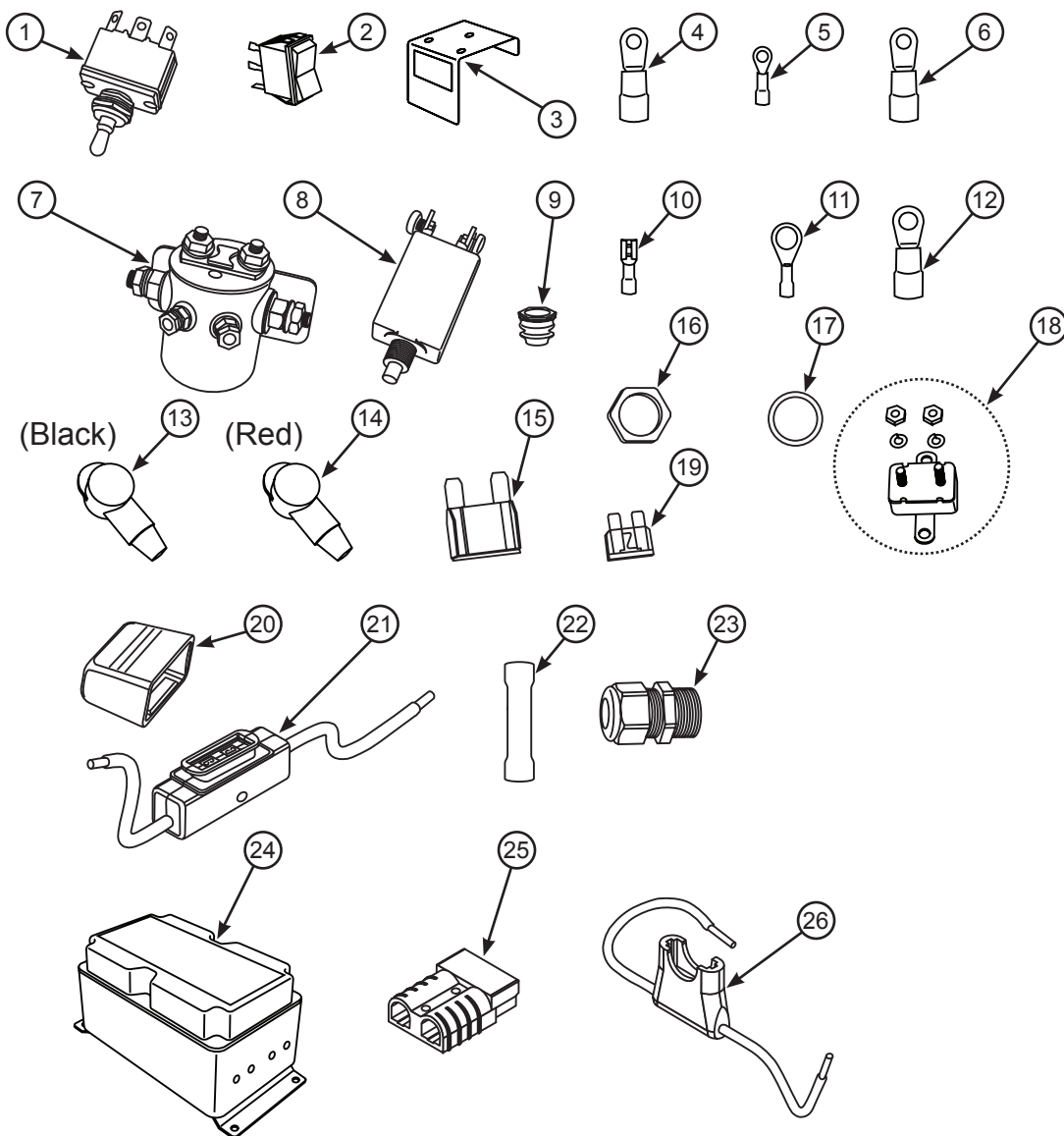
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Smart Switch



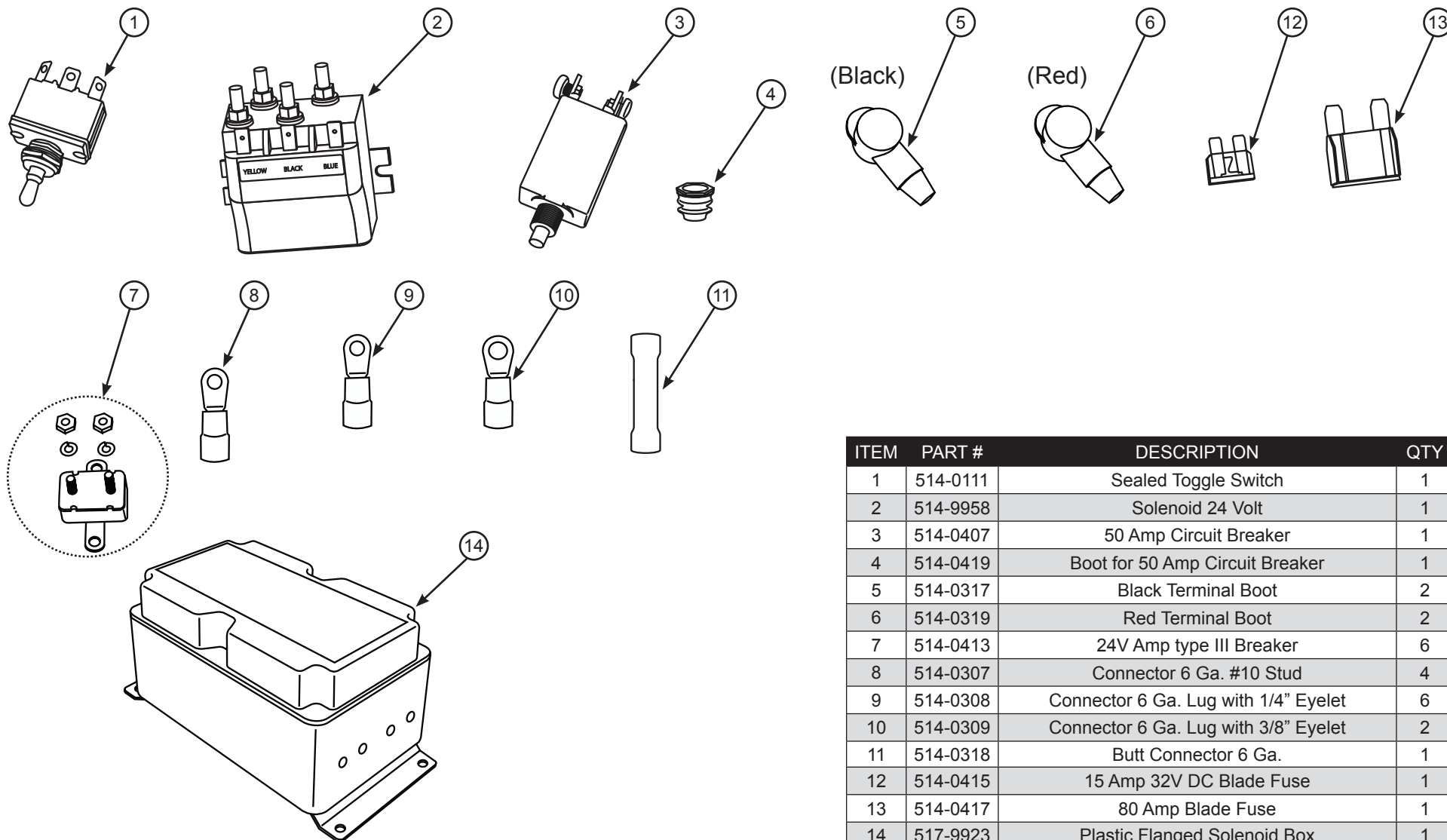
Smart Switch with Cab / External Switch - 24 Volt #501-9933



ITEM	PART #	DESCRIPTION	QTY
1	514-0111	Sealed Toggle Switch	1
2	514-0117	Rocker Switch 3 Position Momentary	1
3	514-9954	Rocker Switch Bracket	1
4	514-0307	Connector 6 Ga. #10 Stud	2
5	514-0303	Connector 14 Ga. #10 Terminal	4
6	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	6
7	514-9916	Solenoid 24 Volt	2
8	514-0407	50 Amp Circuit Breaker	1
9	514-0419	Boot for 50 Amp Circuit Breaker	1
10	514-0321	16 Ga. Push on Female Terminal	3
11	514-0315	Connector 14Ga. 5/16" Eyelet	2
12	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
13	514-0317	Black Terminal Boot	2
14	514-0319	Red Terminal Boot	2
15	514-0417	80 Amp Blade Fuse	1
16	514-0325	Strain Relief Seal	1
17	514-0324	Strain Relief Lock Washer	1
18	514-0413	24V 40 Amp Type III Breaker	--
19	514-0415	15 Amp 32V DC Blade Fuse	1
20	514-0431	Line Fuse Holder 80 Amp Cover	1
21	514-0418	Line Fuse Holder 80 Amp	1
22	514-0318	Butt Connector 6 Ga.	1
23	514-0323	Strain Relief 1/2" NPT	1
24	517-9923	Plastic Flanged Solenoid Box	1
25	514-0505	Quick Disconnect Term 50 Amp Gray	1
26	514-0416	In Line Fuse Holder for 15 Amp	1
--	514-0127	24V Retro Fit Kit (Not shown)	1
--	514-0211	#16 - 3 Wire PVC 27# Copper	25'

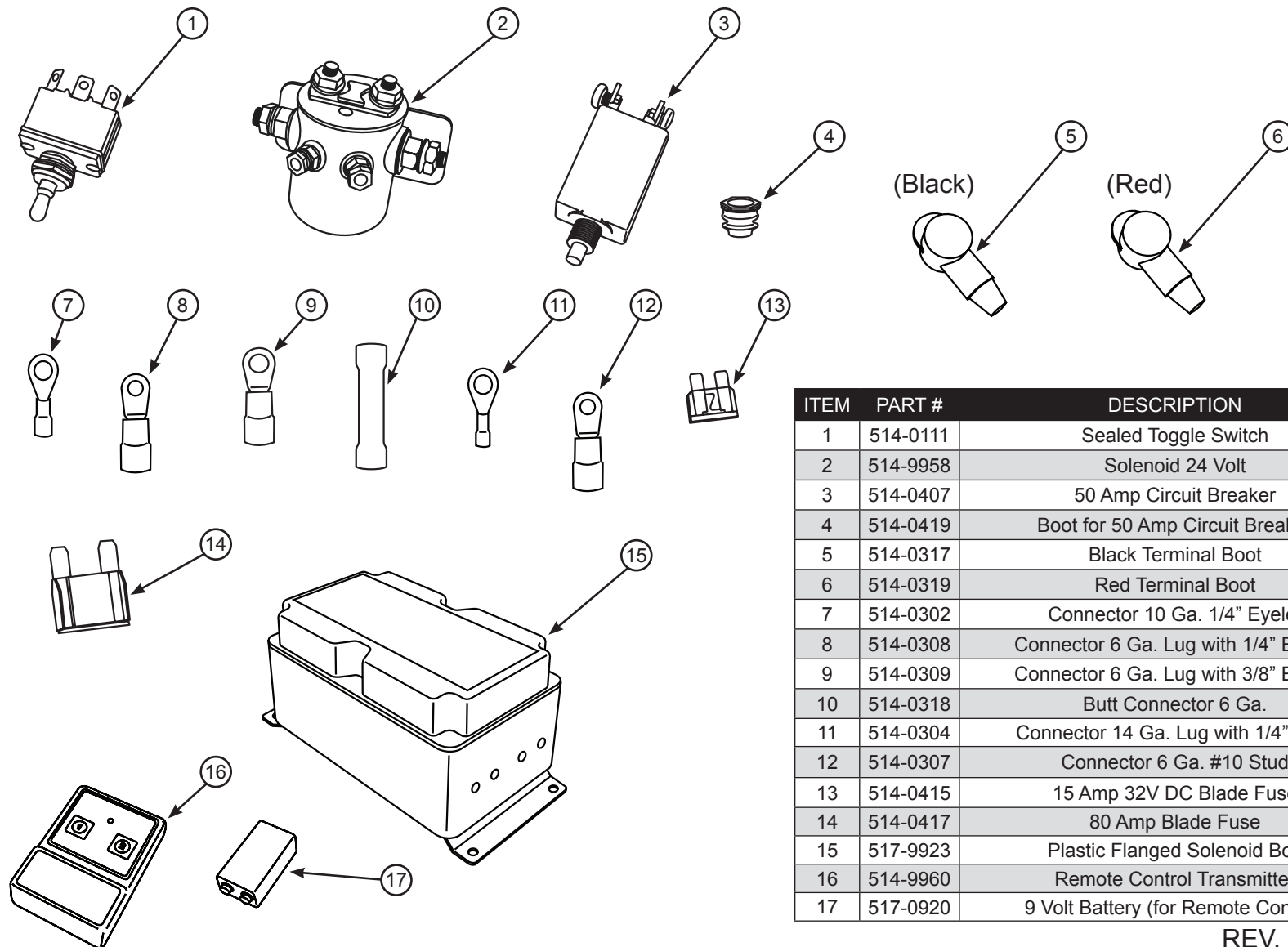
REV. 10/25/16 WLH

Smart Switch with External Switch - 24 Volt #501-9949



REV. 10/19/16 WLH

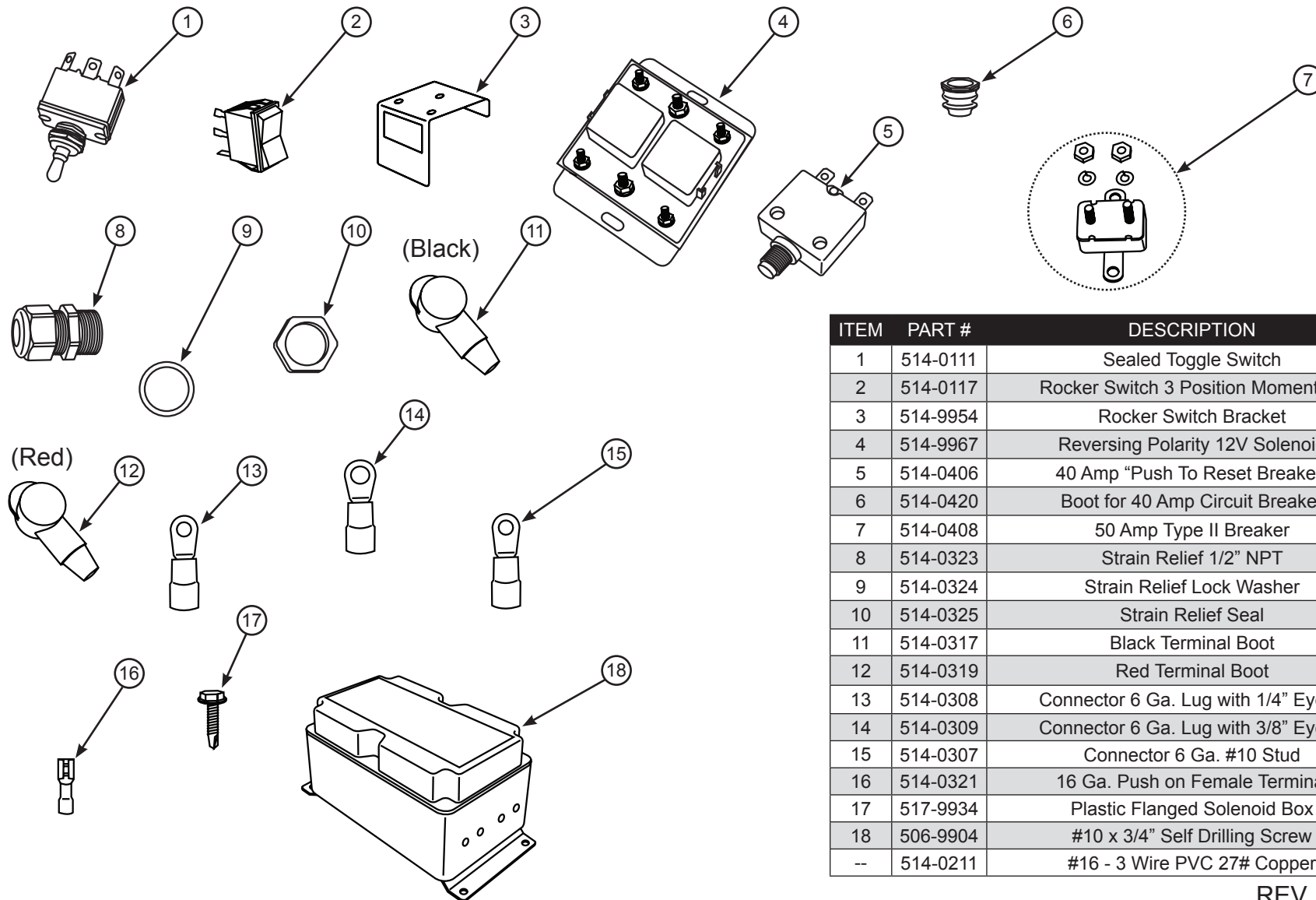
Smart Switch with External Remote - 24 Volt #501-9950



ITEM	PART #	DESCRIPTION	QTY
1	514-0111	Sealed Toggle Switch	1
2	514-9958	Solenoid 24 Volt	2
3	514-0407	50 Amp Circuit Breaker	1
4	514-0419	Boot for 50 Amp Circuit Breaker	1
5	514-0317	Black Terminal Boot	2
6	514-0319	Red Terminal Boot	2
7	514-0302	Connector 10 Ga. 1/4" Eyelet	6
8	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	6
9	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
10	514-0318	Butt Connector 6 Ga.	1
11	514-0304	Connector 14 Ga. Lug with 1/4" Hole	2
12	514-0307	Connector 6 Ga. #10 Stud	1
13	514-0415	15 Amp 32V DC Blade Fuse	1
14	514-0417	80 Amp Blade Fuse	1
15	517-9923	Plastic Flanged Solenoid Box	1
16	514-9960	Remote Control Transmitter	1
17	517-0920	9 Volt Battery (for Remote Control)	1

REV. 10/25/16 WLH

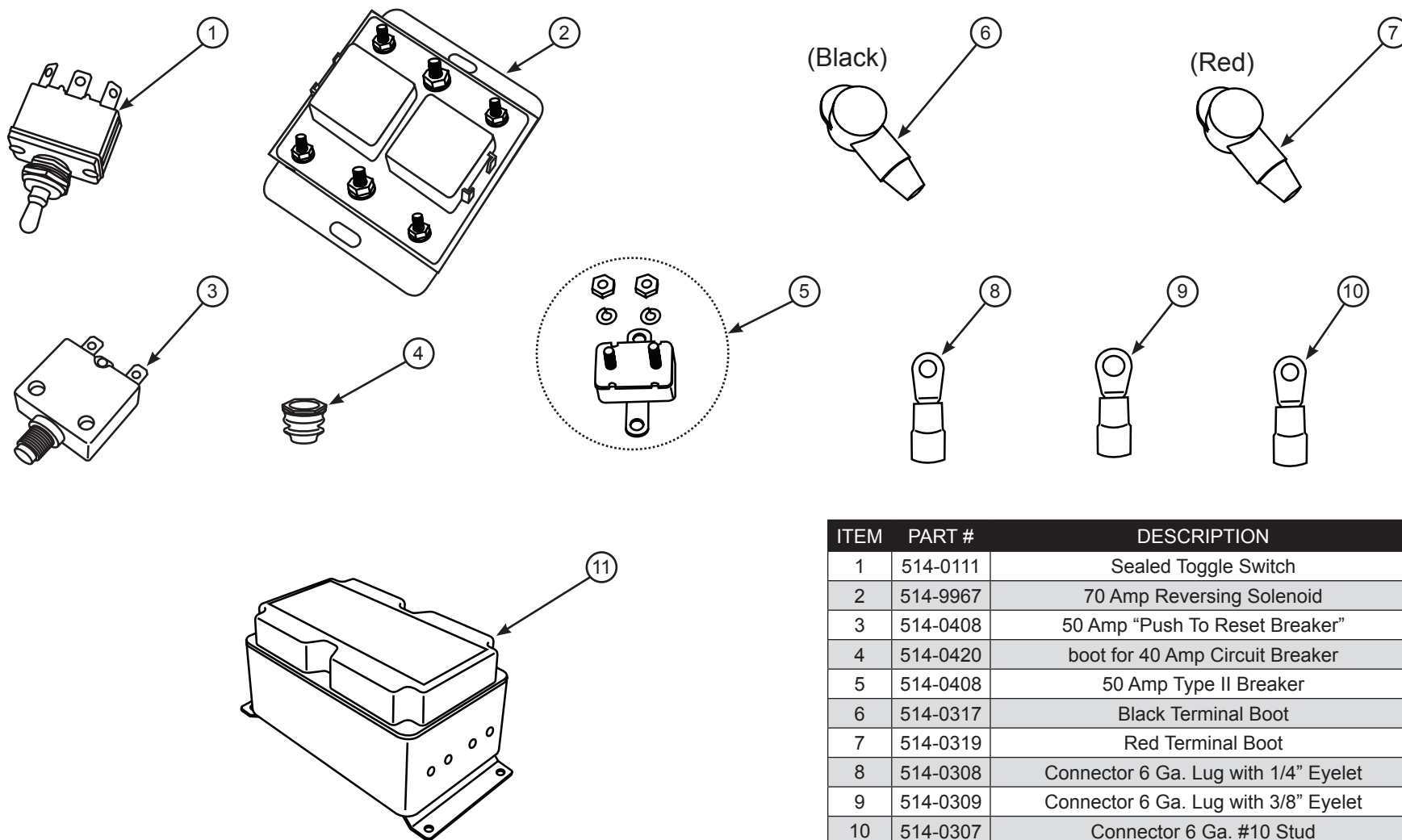
Smart Switch with Cab / External Switch - 12 Volt #501-9952



ITEM	PART #	DESCRIPTION	QTY
1	514-0111	Sealed Toggle Switch	1
2	514-0117	Rocker Switch 3 Position Momentary	1
3	514-9954	Rocker Switch Bracket	1
4	514-9967	Reversing Polarity 12V Solenoid	1
5	514-0406	40 Amp "Push To Reset Breaker"	1
6	514-0420	Boot for 40 Amp Circuit Breaker	1
7	514-0408	50 Amp Type II Breaker	1
8	514-0323	Strain Relief 1/2" NPT	1
9	514-0324	Strain Relief Lock Washer	1
10	514-0325	Strain Relief Seal	1
11	514-0317	Black Terminal Boot	2
12	514-0319	Red Terminal Boot	2
13	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	6
14	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
15	514-0307	Connector 6 Ga. #10 Stud	2
16	514-0321	16 Ga. Push on Female Terminal	3
17	517-9934	Plastic Flanged Solenoid Box	1
18	506-9904	#10 x 3/4" Self Drilling Screw	2
--	514-0211	#16 - 3 Wire PVC 27# Copper	25'

REV. 02/08/10 NB

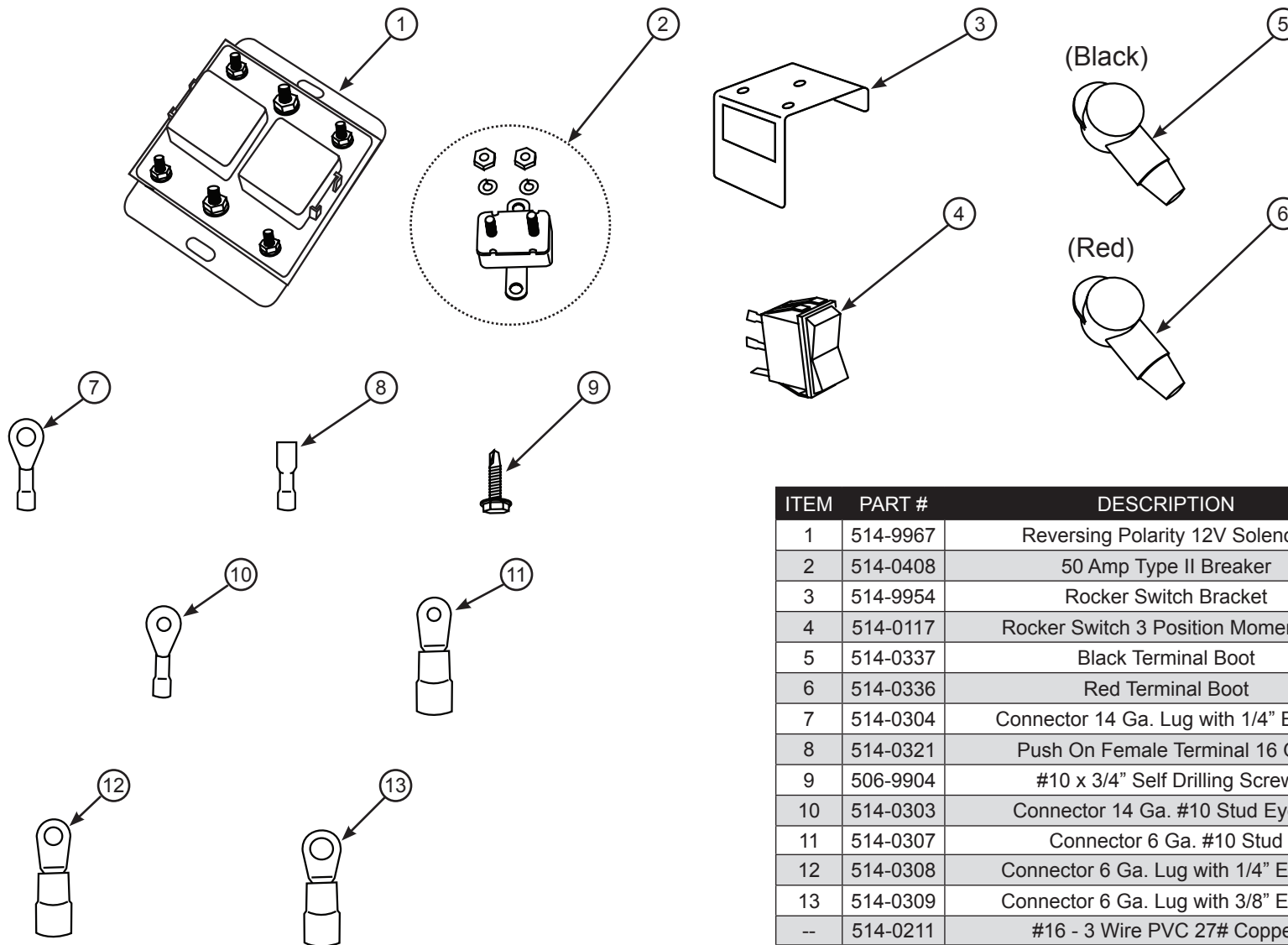
Smart Switch with External Switch - 12 Volt #501-9953



ITEM	PART #	DESCRIPTION	QTY
1	514-0111	Sealed Toggle Switch	1
2	514-9967	70 Amp Reversing Solenoid	1
3	514-0408	50 Amp "Push To Reset Breaker"	1
4	514-0420	boot for 40 Amp Circuit Breaker	1
5	514-0408	50 Amp Type II Breaker	1
6	514-0317	Black Terminal Boot	2
7	514-0319	Red Terminal Boot	2
8	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	6
9	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
10	514-0307	Connector 6 Ga. #10 Stud	2
11	517-9923	Plastic Flanged Solenoid Box	1

REV. 03/11/10 NB

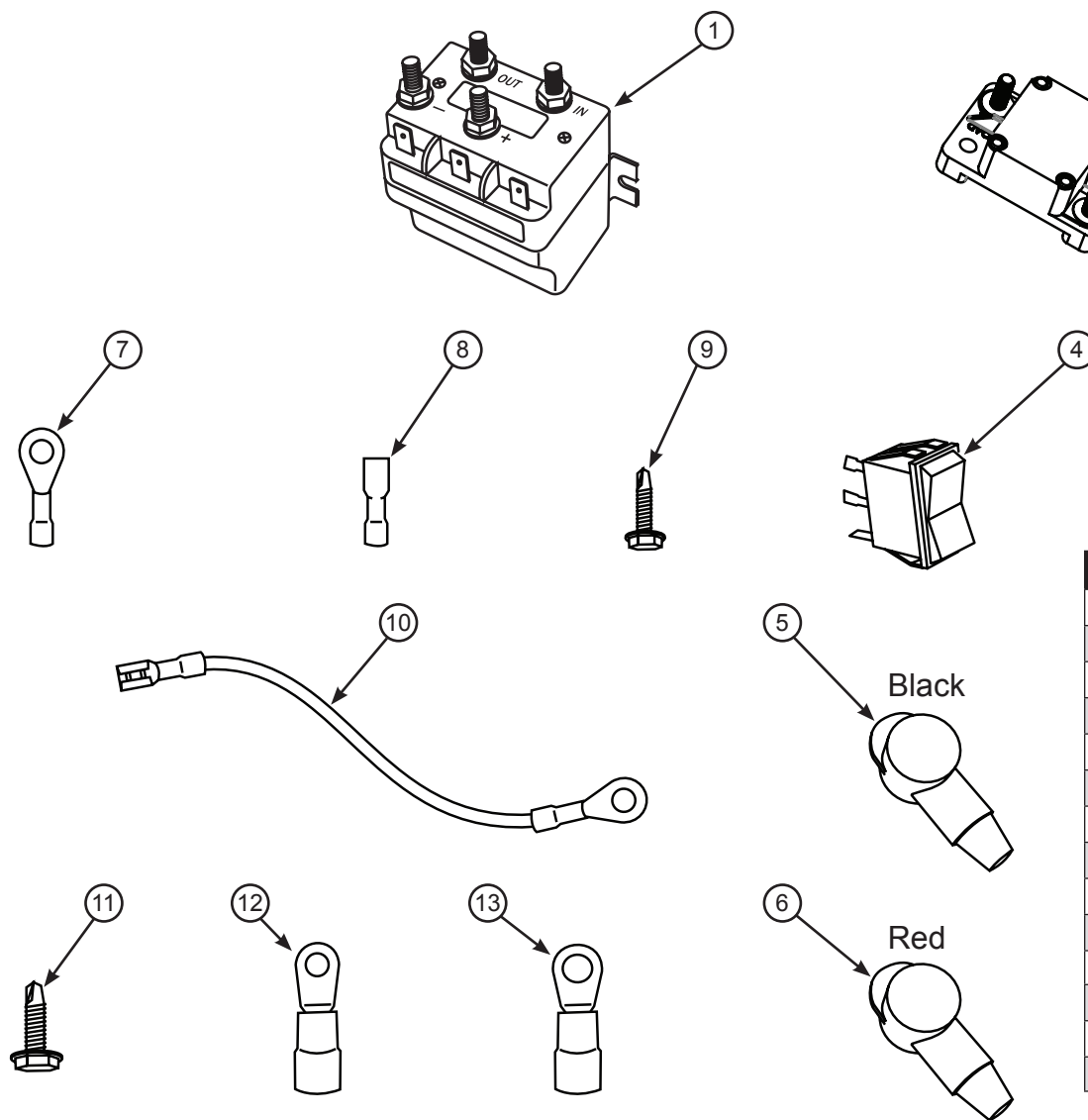
Smart Switch Basic Kit #514-0114



ITEM	PART #	DESCRIPTION	QTY
1	514-9967	Reversing Polarity 12V Solenoid	1
2	514-0408	50 Amp Type II Breaker	1
3	514-9954	Rocker Switch Bracket	1
4	514-0117	Rocker Switch 3 Position Momentary	1
5	514-0337	Black Terminal Boot	2
6	514-0336	Red Terminal Boot	2
7	514-0304	Connector 14 Ga. Lug with 1/4" Eyelet	1
8	514-0321	Push On Female Terminal 16 Ga.	3
9	506-9904	#10 x 3/4" Self Drilling Screw	6
10	514-0303	Connector 14 Ga. #10 Stud Eyelet	2
11	514-0307	Connector 6 Ga. #10 Stud	2
12	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	6
13	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
--	514-0211	#16 - 3 Wire PVC 27# Copper	25'

REV. 01/23/09 BAB

Deluxe High Amp Switch Kit - 12 Volt #514-0139



ITEM	PART #	DESCRIPTION	QTY
1	514-9996	Reversing Polarity 12V Solenoid	1
2	514-0432	50 Amp Type I Breaker	1
3	514-9954	Rocker Switch Bracket	1
4	514-0117	Rocker Switch 3 Position Momentary	1
5	514-0337	Black Terminal Boot	2
6	514-0336	Red Terminal Boot	2
7	514-0304	Connector 14 Ga. Lug with 1/4" Eyelet	1
8	514-0321	Push On Female Terminal 16 Ga.	5
9	506-9904	#10 x 3/4" Self Drilling Screw	4
10	514-9921	4" Black 10ga. Jumper Wire	1
11	506-9929	#12-14 Self Drilling TEK Screw	2
12	514-0308	Connector 6 Ga. Lug with 1/4" Eyelet	8
13	514-0309	Connector 6 Ga. Lug with 3/8" Eyelet	2
--	514-0211	#16 - 3 Wire PVC 27# Copper	25'

REV. 10/25/16 WLH