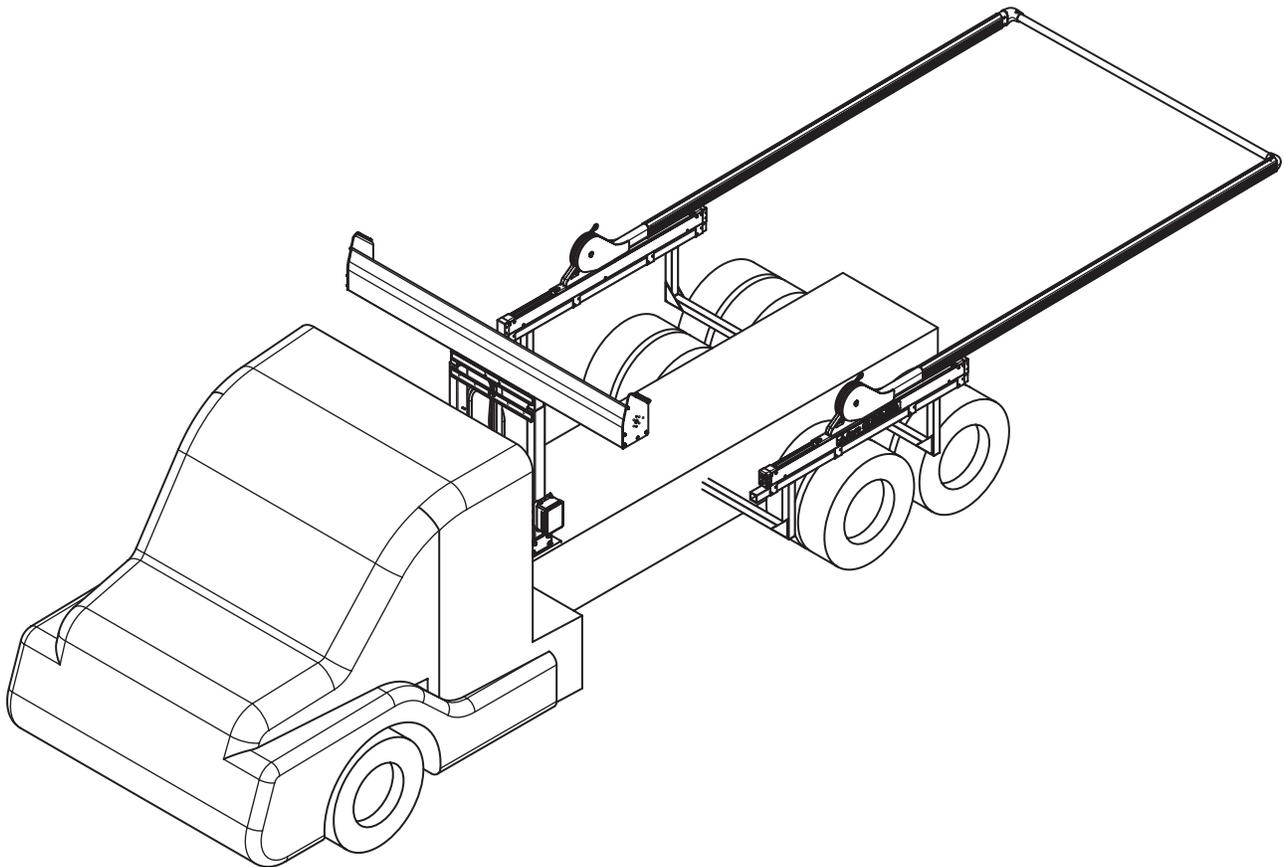




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Fixed Pivot-Steel Arms Parts List

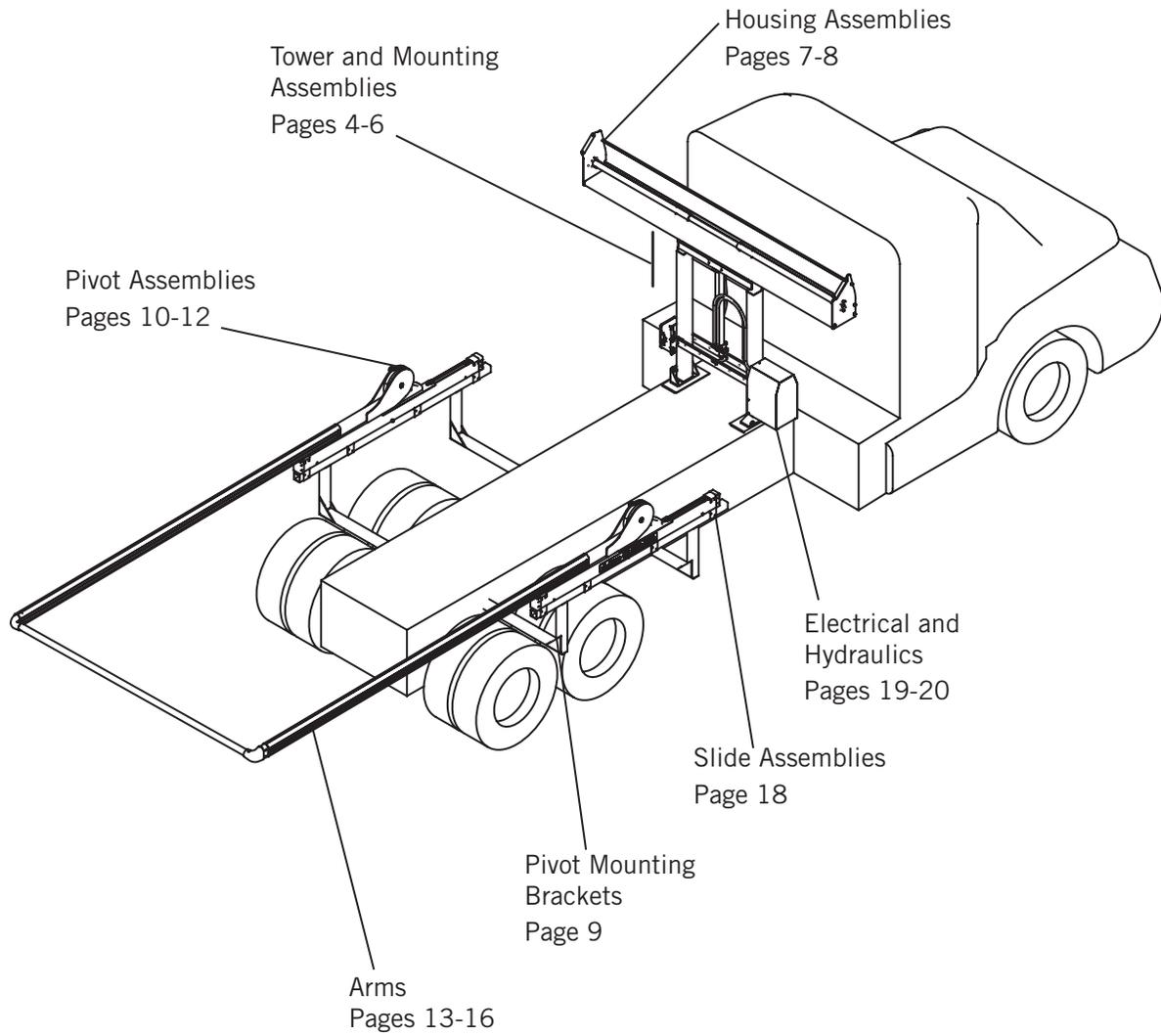
850 Springs

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Parts List Directory

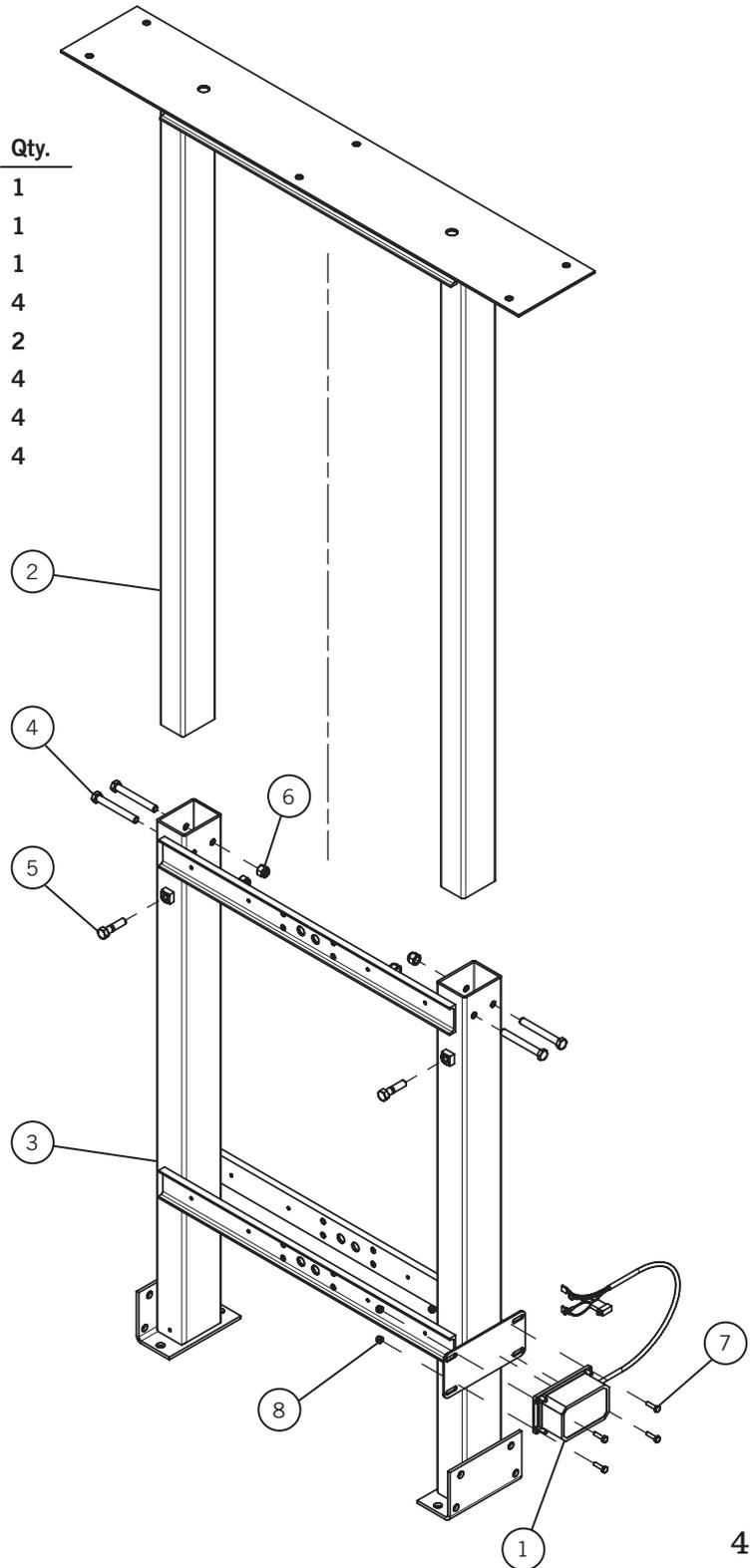
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Tower and Mounting Assemblies

Stationary Tower

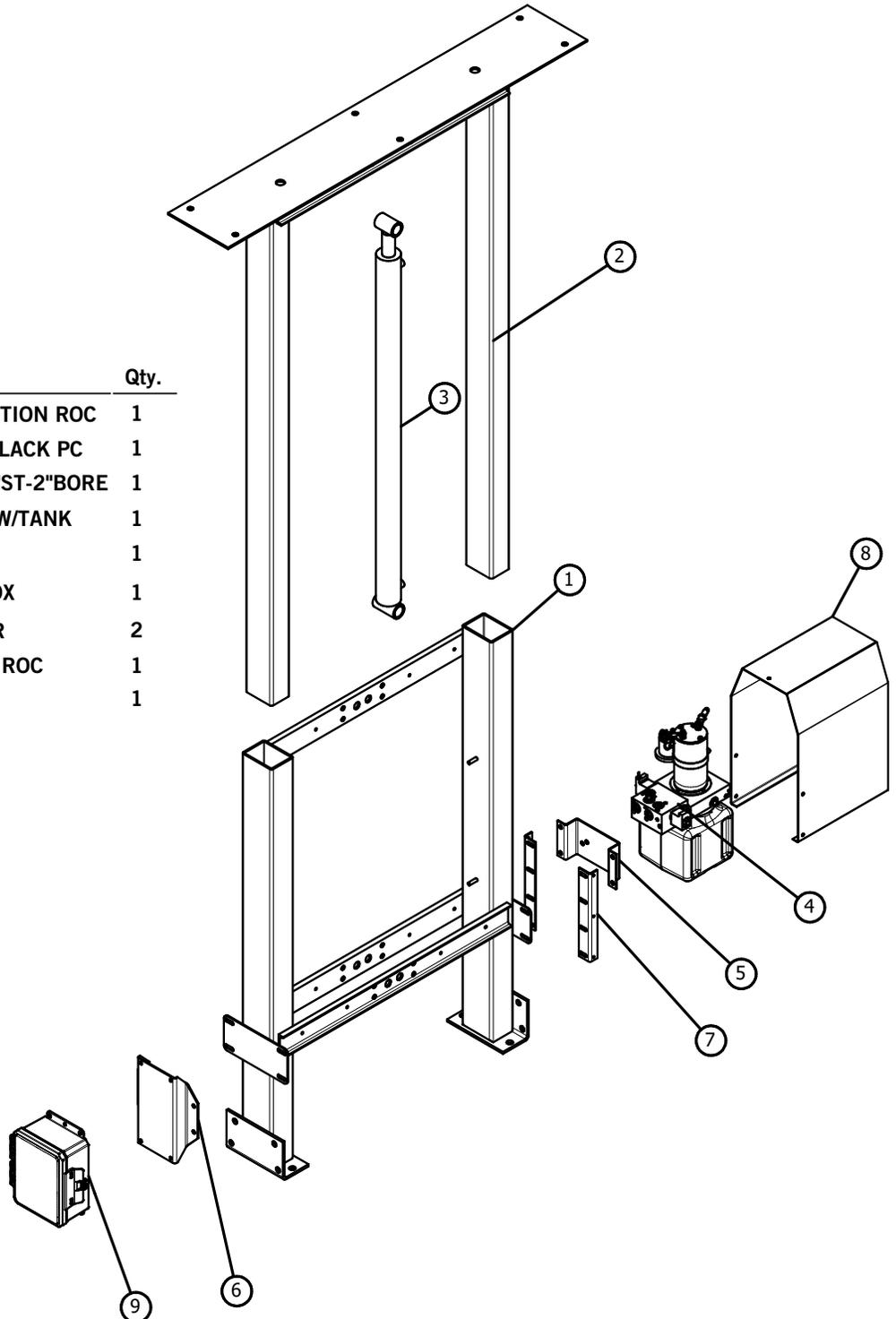
No.	Part No.	Description	Qty.
1	0755-860800	REMOTE RECEIVER; W/TOGGLE	1
2	2511-941059	TOWER SECT ADJ BLACK PC	1
3	2511-941060	TOWER SECT BASE BLACK PC	1
4	0810-650839	1/2-13 X 4 HEX HEAD BOLT	4
5	0810-650108	1/2-13 UNC - 2 - BOLT HHCS	2
6	0815-660855	NUT HEX 1/2-13 NYLOCK	4
7	0810-650500	1/4-20 X 1.00 Lg HHCS Gr2	4
8	0815-660451	NUT HEX 1/4-20 NYLOCK	4



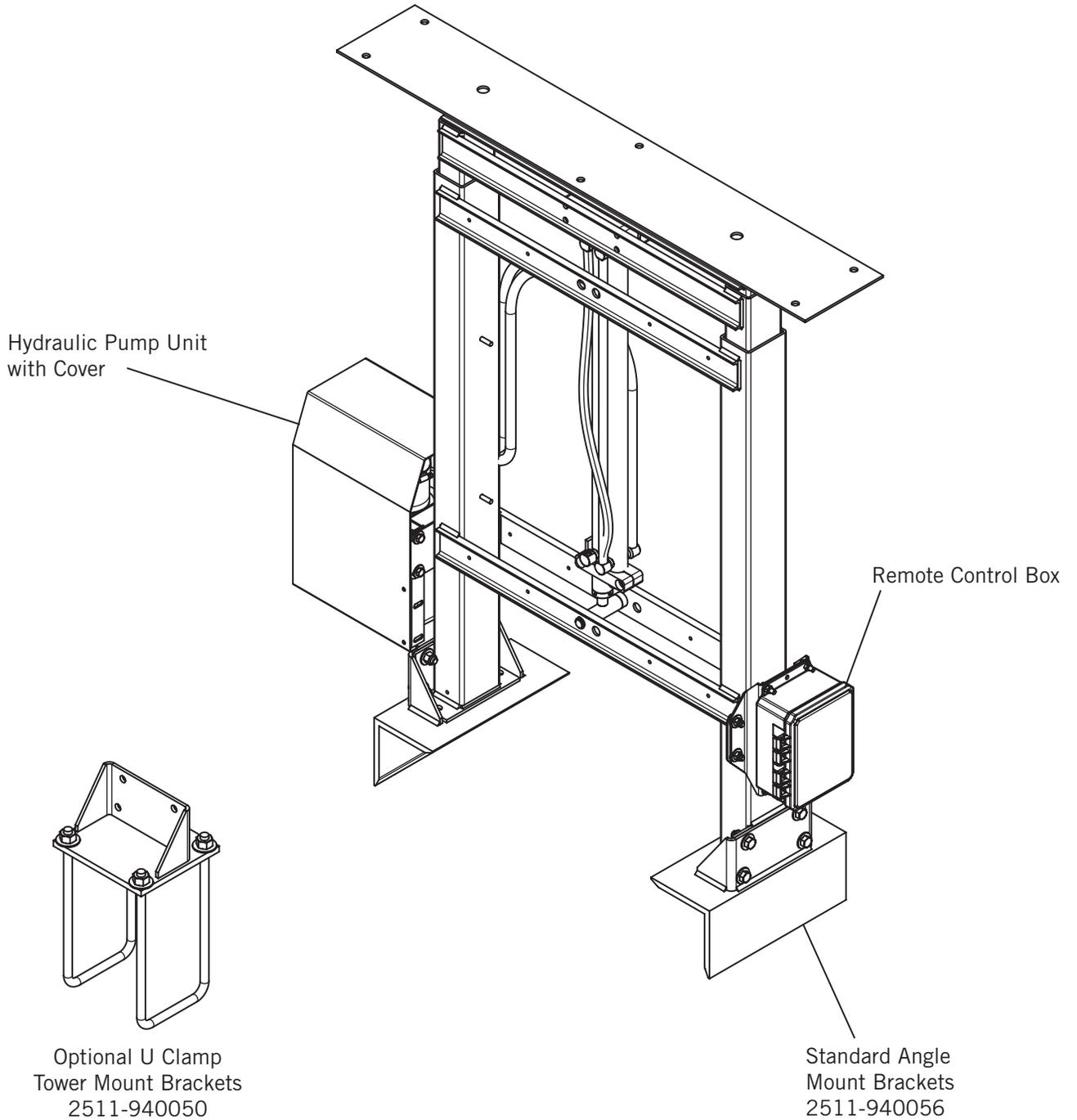
Tower and Mounting Assemblies

Single Stage 2511-940080

No.	Part No.	Description	Qty.
1	2511-941053	LOWER TOWER SECTION ROC	1
2	2511-941059	TOWER SECT ADJ BLACK PC	1
3	2511-840115	CYLINDER HYD. 36"ST-2"BORE	1
4	2511-840062	HYDRAULIC PUMP W/TANK	1
5	2511-840065	BRKT, PUMP MNT	1
6	2511-840067	BRKT, CONTROL BOX	1
7	2511-840064	BRKT, PUMP COVER	2
8	2511-941057	PUMP COVER ASSY ROC	1
9	0755-860808	CONTROL BOX	1

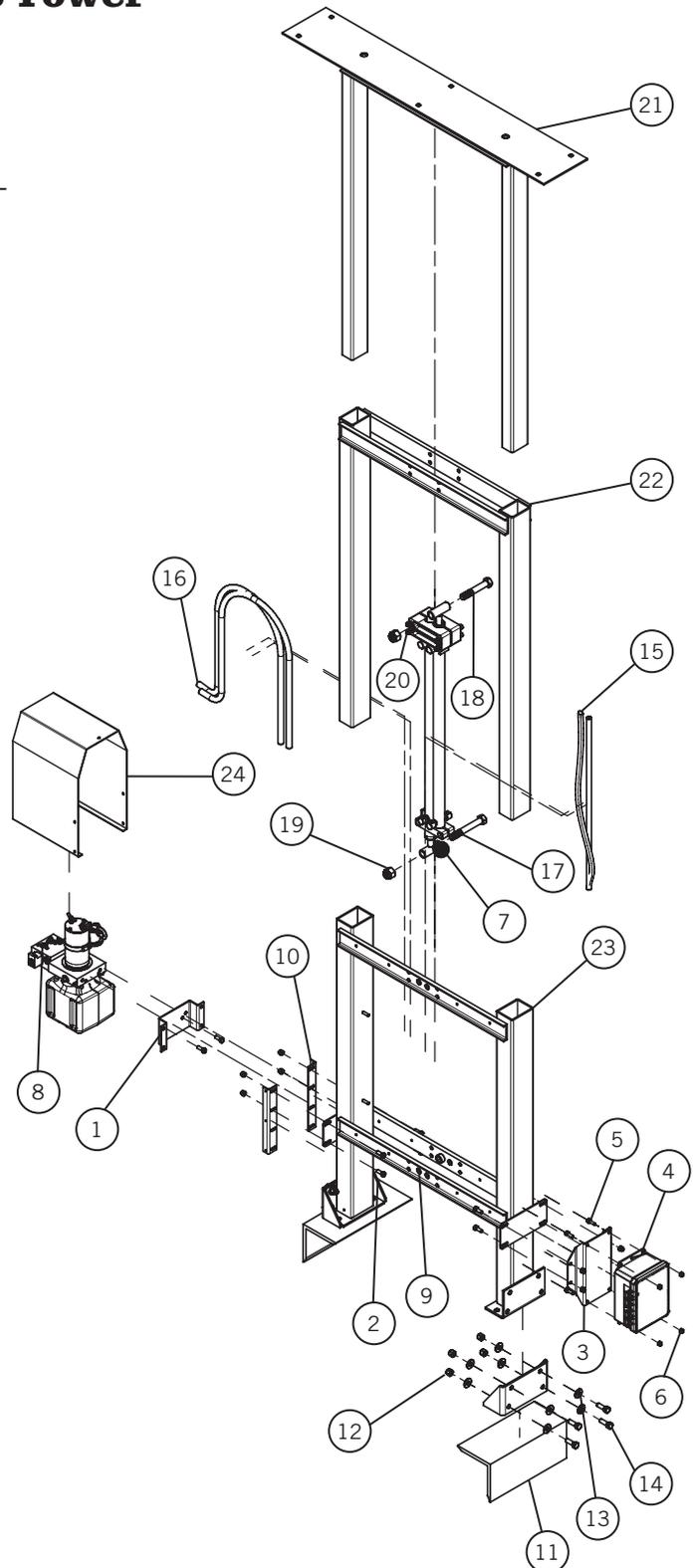


Tower and Mounting Assemblies Hydraulic Tower



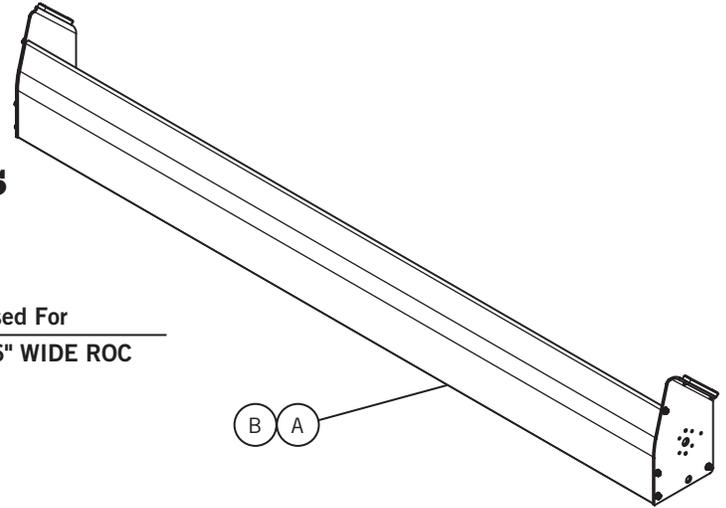
Tower and Mounting Assemblies Hydraulic Tower

No.	Part No.	Description	Qty.
1	2511-840065	BRKT, PUMP MNT	1
2	0810-650815	3/8-16 UNC - 1 - BOLT HHCS	10
3	2511-840067	BRKT, CONTROL BOX	1
4	0755-860808	CONTROL BOX	1
5	0810-650506	5/16-18 UNC - 1 - BOLT HHCS	4
6	0815-660550	5/16-18 NYLON LOCK NUT	4
7	2511-940055	TWIN HYDRAULIC CYLINDER	1
8	2511-840062	HYDRAULIC PUMP W/TANK	1
9	2511-840069	SPACER, CYL PIN	2
10	2511-840064	BRKT, PUMP COVER	2
11	2511-940056	BRKT, TOWER MNT WLD	2
12	0815-660844	NUT HEX 1/2-13 NYLOCK STAINLESS	8
13	0820-680810	1/2 - USS FLAT WASHER	16
14	0810-650816	1/2-13 UNC - 1.5 - BOLT HHCS	8
15	0790-200027	HYD. 1/4 HOSE ASSY 26.25"	2
16	0790-200028	HYD. 1/4 HOSE ASSY 57.7"	2
17	0810-650711	BOLT HHCS 3/4-10X5.5"	1
18	0810-650710	BOLT HHCS 3/4-10X4.5"	1
19	0815-661250	3/4-10 NYLOCK NUT	2
20	0810-650889	HEXAGON SOCKET HEAD CAP SCREW	4
21	2511-941051	TOP TOWER SECTION ROC	1
22	2511-941052	MID TOWER SECTION ROC	1
23	2511-941053	LOWER TOWER SECTION ROC	1
24	2511-941057	PUMP COVER ASSY ROC	1

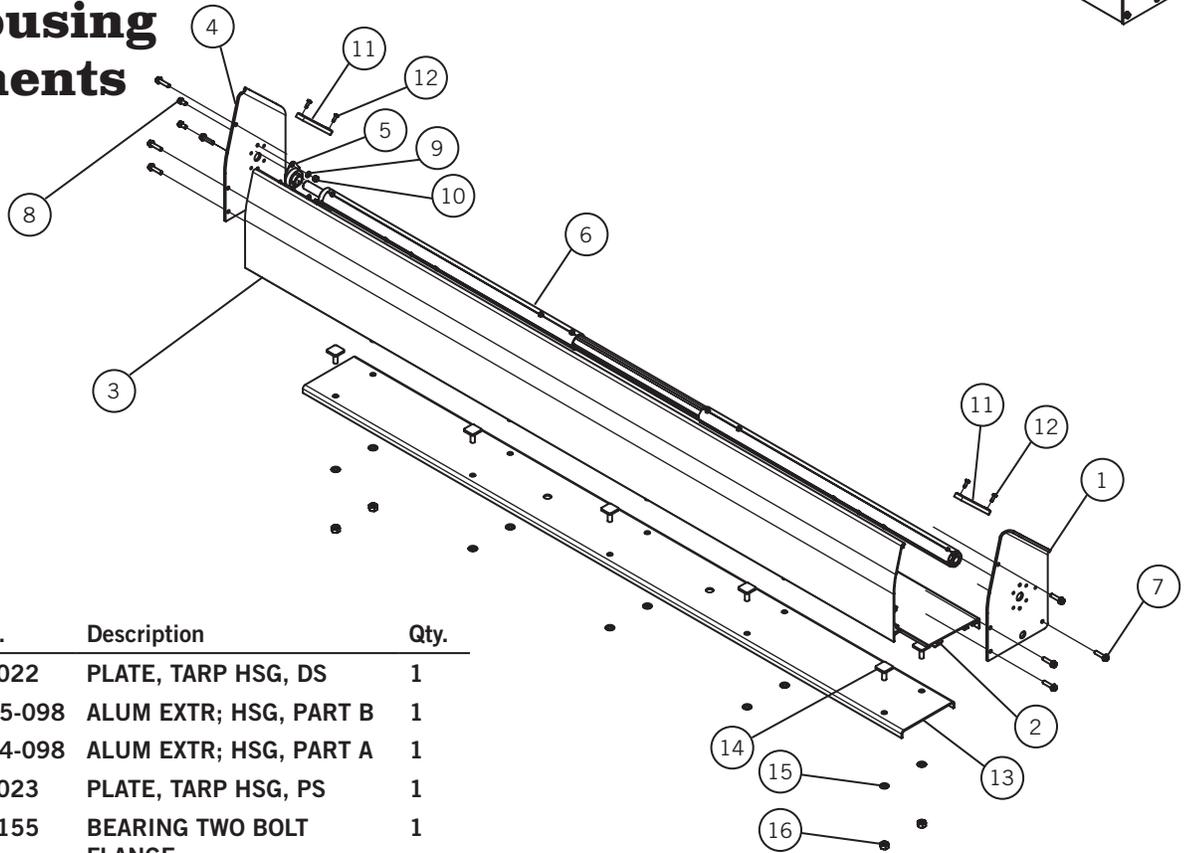


Tarp Housing Assemblies Models AeroForce, 875, 850

No.	Part No.	Description	Used For
A	0311-940051	TARP HOUSING ASSEMBLY 98"	96" WIDE ROC

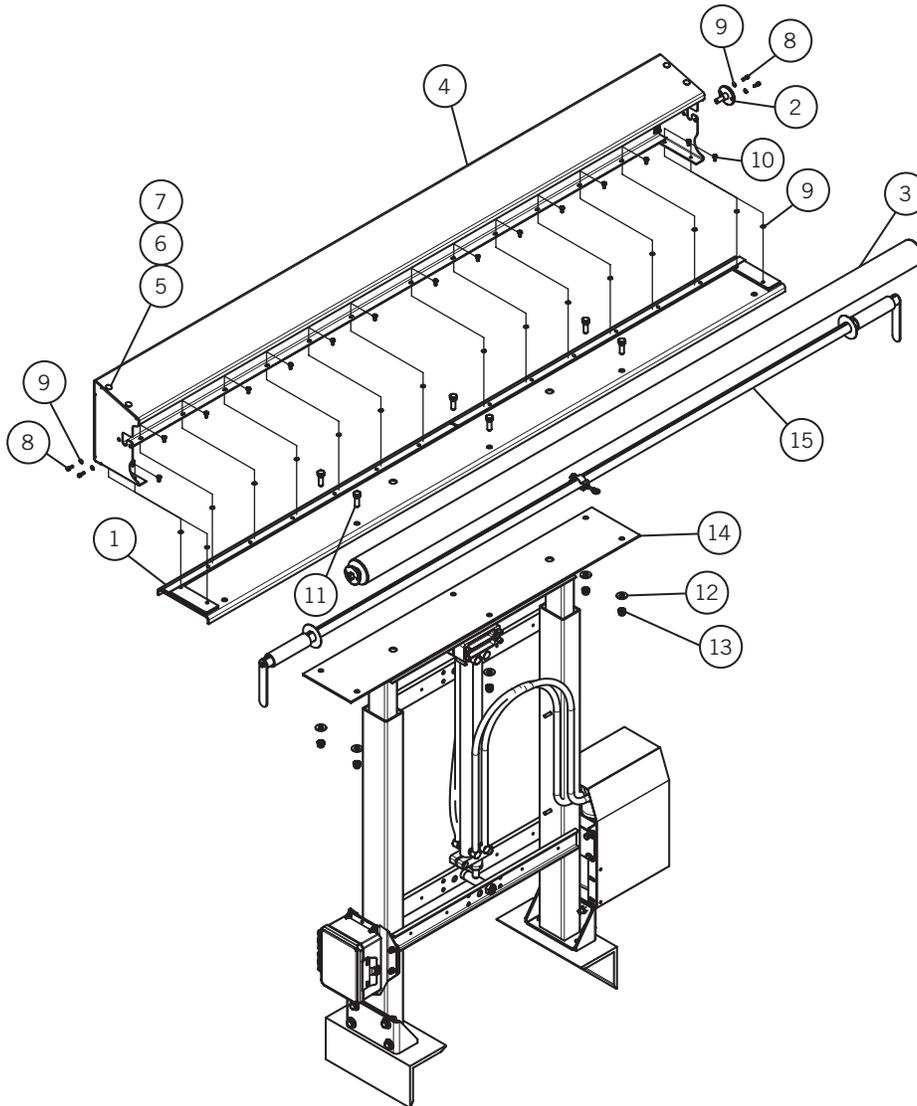


Tarp Housing Components



No.	Part No.	Description	Qty.
1	0311-840022	PLATE, TARP HSG, DS	1
2	1355-842505-098	ALUM EXTR; HSG, PART B	1
3	1355-842504-098	ALUM EXTR; HSG, PART A	1
4	0311-840023	PLATE, TARP HSG, PS	1
5	0710-602155	BEARING TWO BOLT FLANGE	1
6	0311-961307	ROLL UP BAR 3 PC - ELEC	1
7	0825-650620	3/8-16 UNC X 1.5 - BOLT HWH, SLOTTED	8
8	0810-670682	3/8-16 UNC - 0.75 - BOLT HHCS	2
9	0820-680610	3/8 - SPLIT LOCK WASHER	2
10	0815-660640	3/8-16 HEX FINISH NUT	2
11	0311-840060	BUMPER, ENDCAP HSG	2

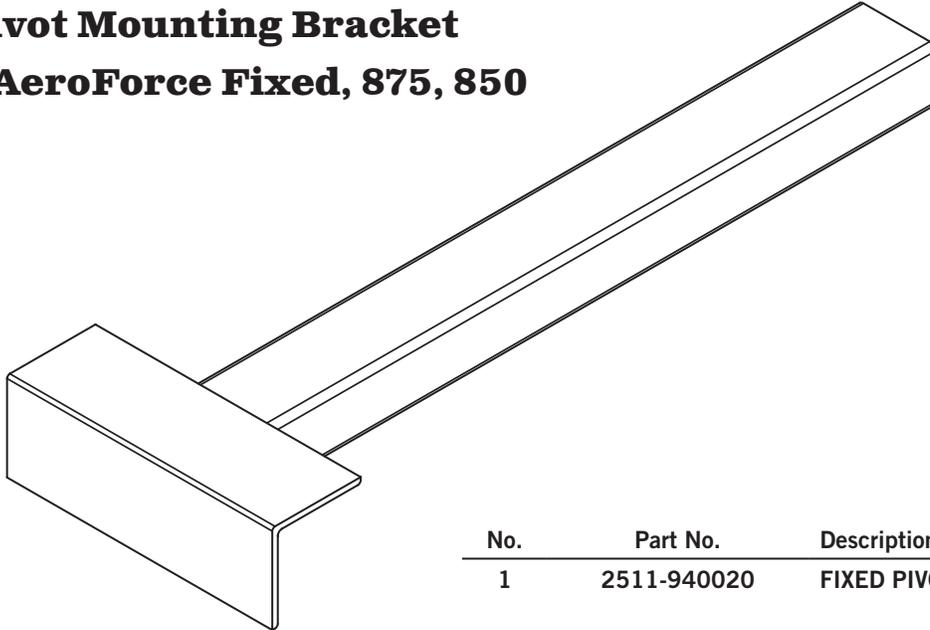
No.	Part No.	Description	Qty.
12	0825-670551	SCREW 1/4 X 3/4 PHPH S/T	4
13	2511-840071	PLATE, WIDE	1
14	0810-650303	BOLT, SQ HEAD, 1/2-13 X 1.5	10
15	0820-680810	WASHER FLAT 1/2" ZINC	10
16	0815-660855	NUT HEX 1/2-13 ZINC NYLON INSERT	4



No.	Part No.	Description	Qty.
1	2511-940075	PLATE TOP WIDE-EP MTG STRIP ASSY	1
2	0321-861141	END CAP ALUMINUM	1
3	0321-968006	ROLL TUBE ASSEMBLY FOR EPK96	1
4	0321-969006	TARP HOUSING ASSEMBLY FOR EPK96	1
5	0810-650508	5/16-18 UNC x 0.75 - BOLT CARRIAGE	8
6	0820-680510	WASHER FLAT 5/16"	8
7	0815-660550	5/16-18 NYLOCK HEX NUT	8
8	0825-617251	1/4-20 X 5/8 SHCS	4
9	0820-680725	SPLIT LOCKWASHER 1/4	20
10	0810-650498	BOLT HHCS 1/4-20 X 1/2 GR5	16
11	0810-650856	1/2-13 UNC - 1.5 - BOLT HHCS	6
12	0820-680810	1/2 - USS FLAT WASHER	6
13	0815-660855	1/2-13 NYLON LOCK NUT	6
14	2511-940054	TOWER ASSEMBLY	1
15	0321-967007	PULL BAR ASSEMBLY	1

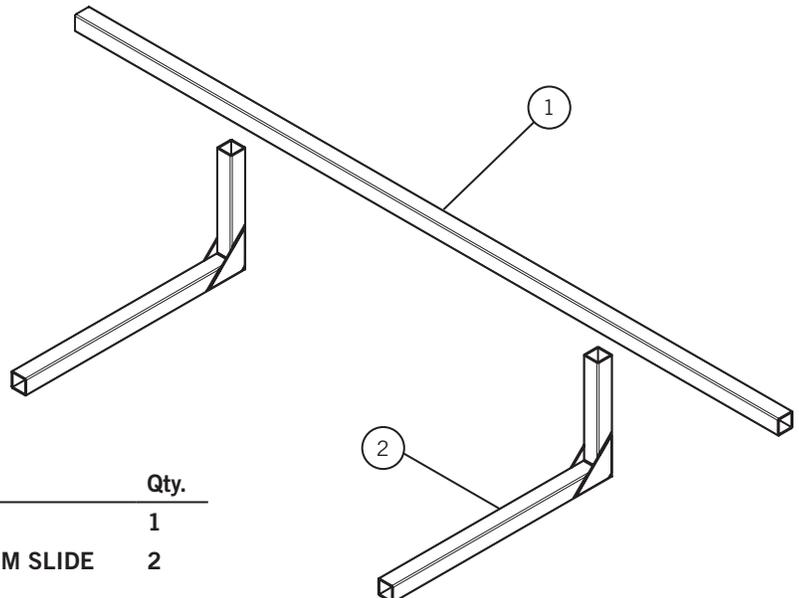
Pivot Mounting Bracket Assemblies

Fixed Pivot Mounting Bracket Models AeroForce Fixed, 875, 850



No.	Part No.	Description
1	2511-940020	FIXED PIVOT MOUNTING BRACKET

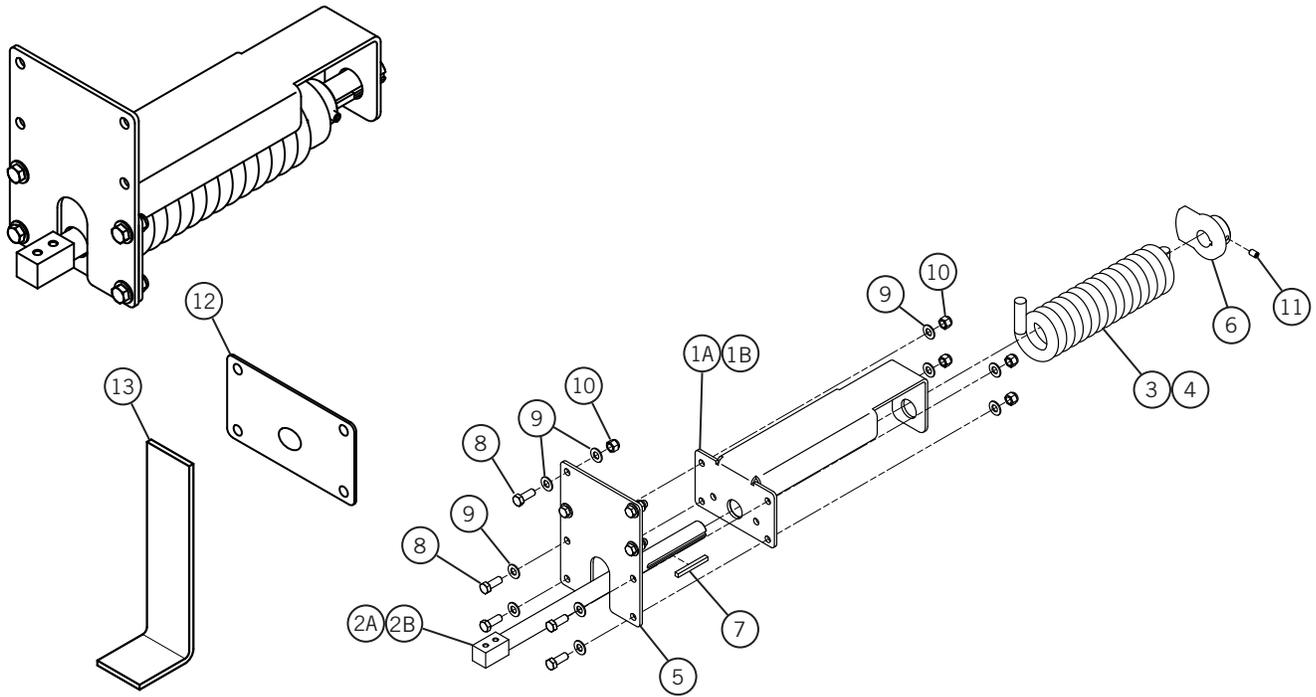
Sliding Pivot Mounting Bracket Model AeroForce Slide



No.	Part No.	Description	Qty.
1	2511-840078	SLIDE MOUNT ARM	1
2	2511-940058	BRKT, MOUNTING ARM SLIDE	2

Undermount Springs Model 850

- 0311-962278 18' - 40' System Length Spring Kit Under/Mount 5/8"
- 0311-960346 Undermount Spring Assembly 5/8" D.S.
- 0311-960347 Undermount Spring Assembly 5/8" P.S.



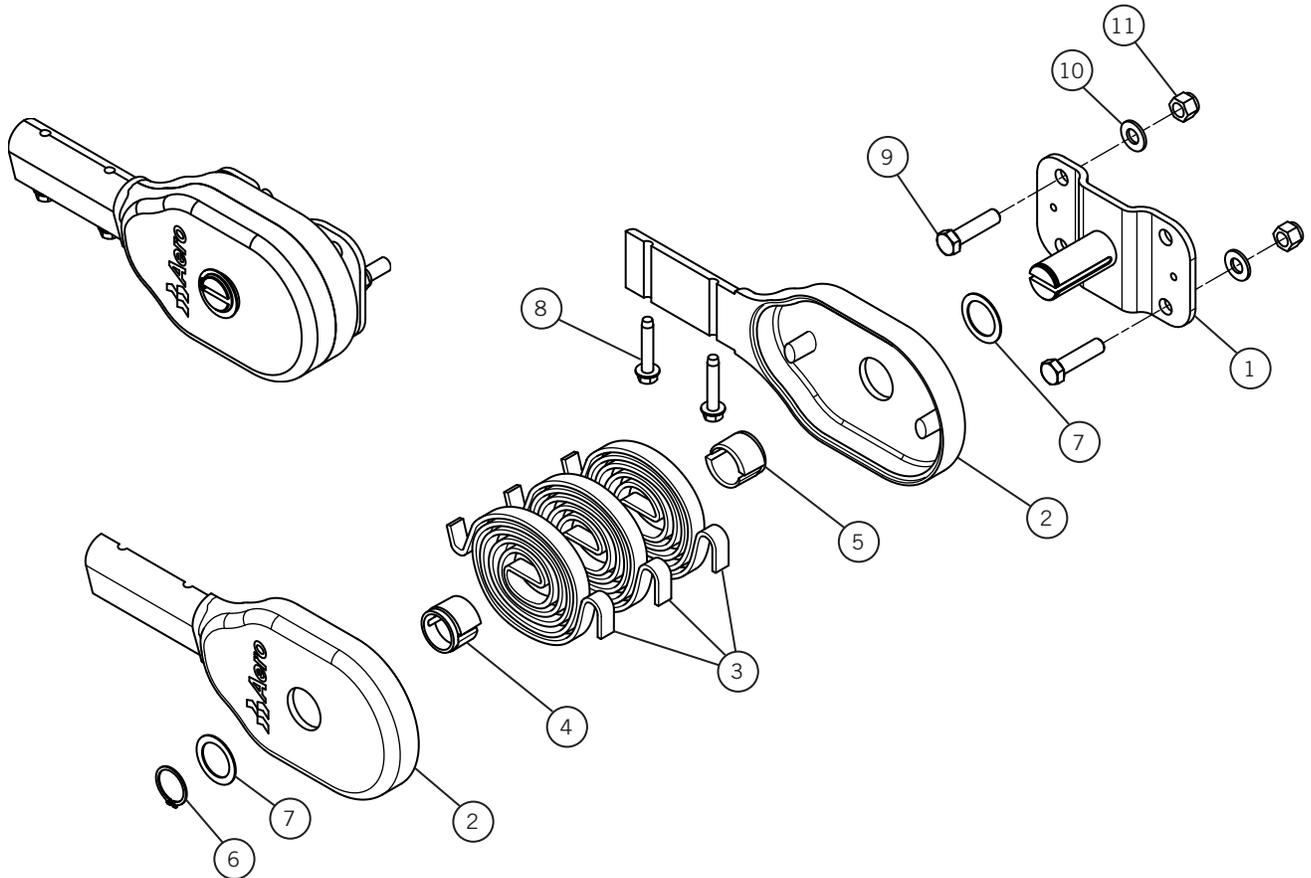
No.	Part No.	Description	No.	Part No.	Description
1A	0311-960330	Bracket Weld 1/2"	6	0311-960587	Bar Spring Grab
1B	0311-960350	Bracket Weld 5/8"	7	0840-618513	Keystock 6mm x 2 1/4
2A	0311-860451	Shaft Spring 1/2"	11	0825-670545	5/16-18 x 1/2 Set Screw
2B	0311-860452	Shaft Spring 5/8"	12	0311-860445	Cover Plate (Optional for Underbody)
3	0715-619565	Spring Undermount 5/8" D.S. Black	*13	0311-860411	Bracket Spring Stabilizer (Optional)
4	0715-619563	Spring Undermount 5/8" P.S. Silver		0311-962576	HARDWARE PACK E/C U/M
5	0311-860461	Mounting Plate			

* Shipped with 5/8" Spring Kit for use on 29' - 40' System Lengths

0311-962576 Hardware Pack U/M

No.	Description	Qty
8	3/8-16 x 1 1/4 Hex Bolt	8
9	3/8 Flat Washer	16
10	3/8-16 Nylon Hex Nut	8

PowerPack Spring Kit Model 875

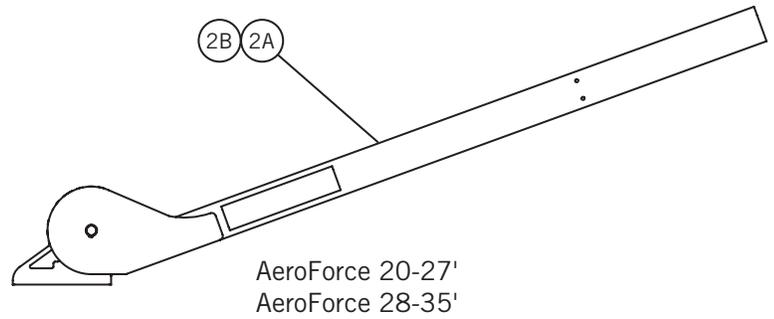
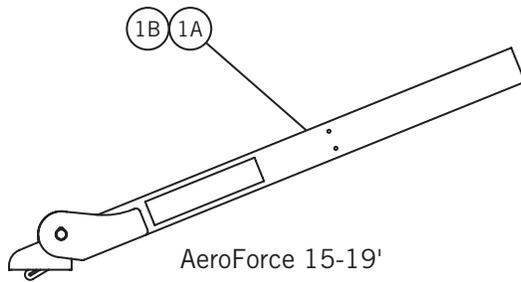


No.	Part No.	Description
1	0311-860237	Mounting Bracket Spring
2	0311-964022	Powerpack Casting Kt
3	0715-619550	Spring Powerpack Spiral
4 & 5	0311-962085	Plastic Inserts Black & White

0311-960528 Hardware Kit

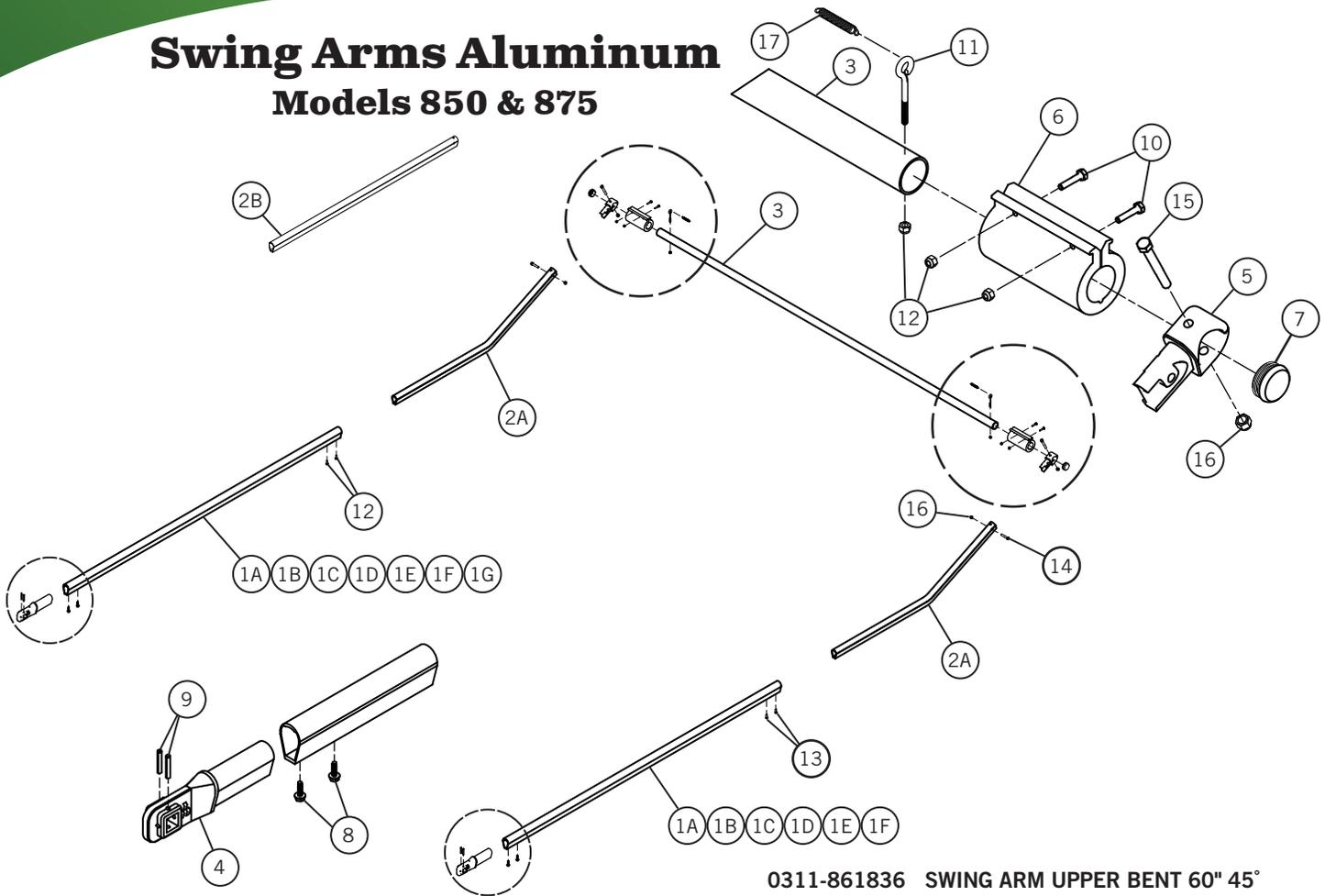
No.	Description	Qty
4	Plastic Insert "A", Black	2
5	Plastic Insert "B", White	2
6	Retaining Ring 1 1/4	2
7	1 1/4 Flat Washer	4
8	3/8-16 x 2 HWH Type F	4
9	1/2-13 x 2 Hex Bolt	4
10	1/2 Flat Washer	4
11	1/2-13 Nylon Hex Nut	4

Pivot Arm Assemblies Model AeroForce



No.	Part No.	Description	Qty.
1A	2511-940120-DS	SMALL PIVOT ASSY DS 64"	1
1B	2511-940120-PS	SMALL PIVOT ASSY PS 64"	1
2A	2511-940121-DS	MEDIUM PIVOT ASSY DS 78"	2
2B	2511-940121-PS	MEDIUM PIVOT ASSY PS 78"	2

Swing Arms Aluminum Models 850 & 875



0311-861836 SWING ARM UPPER BENT 60" 45°

No.	Part No.	Description
2A	0311-861824	Swing Arm Upper Bent
2B	0311-861812	Swing Arm Upper Straight
3	0311-860706	Cross Arm Rear 107.5" 14GA
4	0311-864103	End Fitting E/C Used w/850
5	0311-861151	Arm End
6	0311-862277	Rubber Bumper
7	0311-862135	Plug End 1 3/4" Dia Tube

0311-963214 PACK,UPPR & CROSS ARM HWD

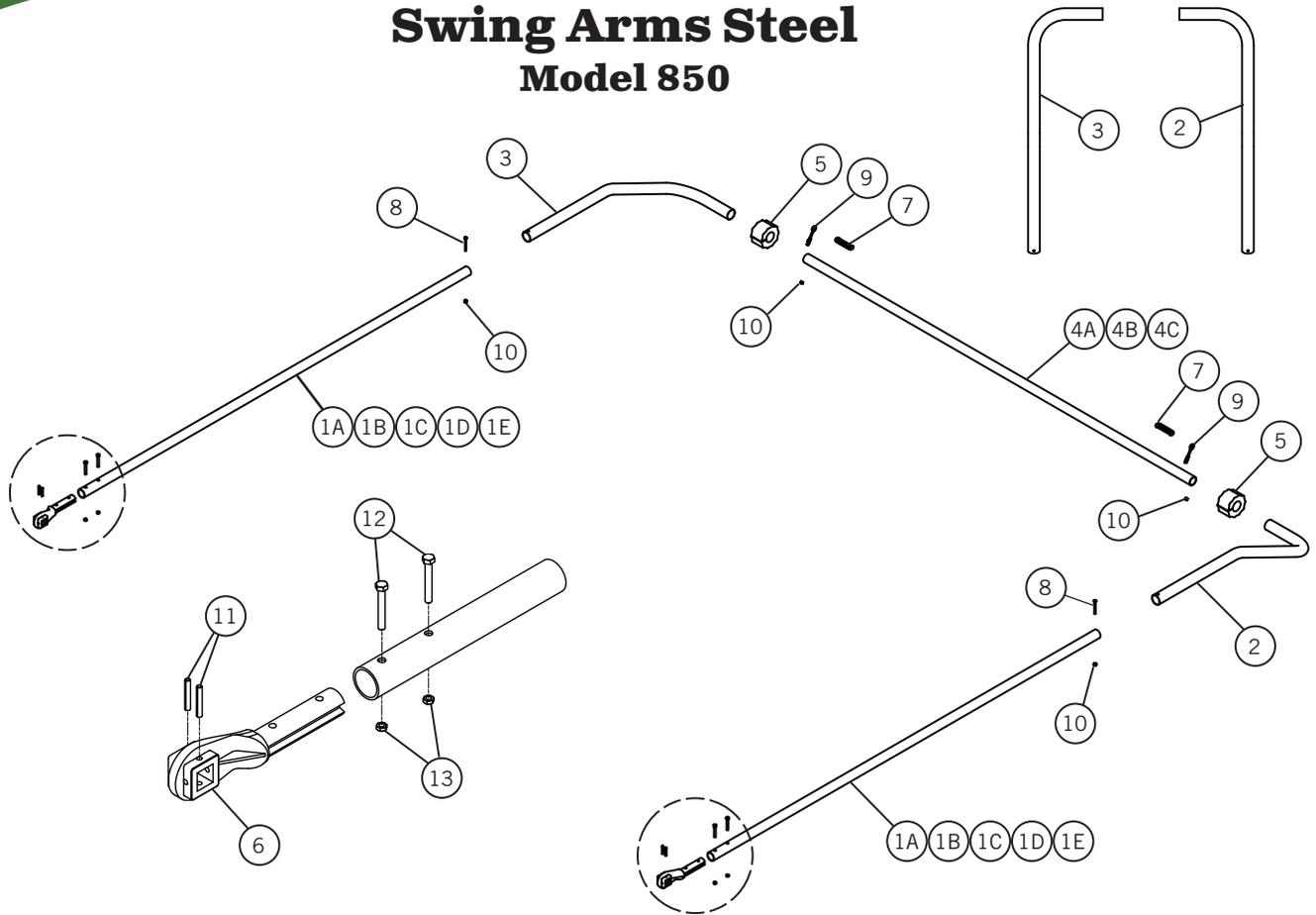
No.	Part No.	Description	Qty
10	0810-650503	BOLT HHCS 1/4-20x1-1/4	4
11	0810-650911	BOLT EYE. 1/4-20x2-1/2	2
12	0815-660451	NUT HEX. 1/4-20-NYLOCK	6
13	0810-670682	BOLT HHCS 3/8-16x3/4	4
14	0810-670705	BOLT HHCS 3/8-20x2	2
15	0810-650112	BOLT HHCS 3/8-20x3	2
16	0815-660660	NUT HEX 3/8-16	4
17	0715-619601	SPRING, TENSION; 4"; ZINC	2

No.	Part No.	System Length	Description
1A	0311-861803	14' - 21'	Swing Arm Lower 89"
1B	0311-861804	22' - 25'	Swing Arm Lower 123"
1C	0311-861805	26' - 28'	Swing Arm Lower 150"
1D	0311-861806	29' - 32'	Swing Arm Lower 187"
1E	0311-861807	33' - 40'	Swing Arm Lower 215"
1F	0311-861908	41' - 49'	Swing Arm Lower 240"

0311-962577 PACK,UPPR & CROSS ARM HWD

No.	Part No.	Description	Qty
8	0810-650510	BOLT HWH. 5/16"x1" TYPE F	4
9	0835-691616	PIN SPRING 1/4X1-5/8 ZINC	4

Swing Arms Steel Model 850

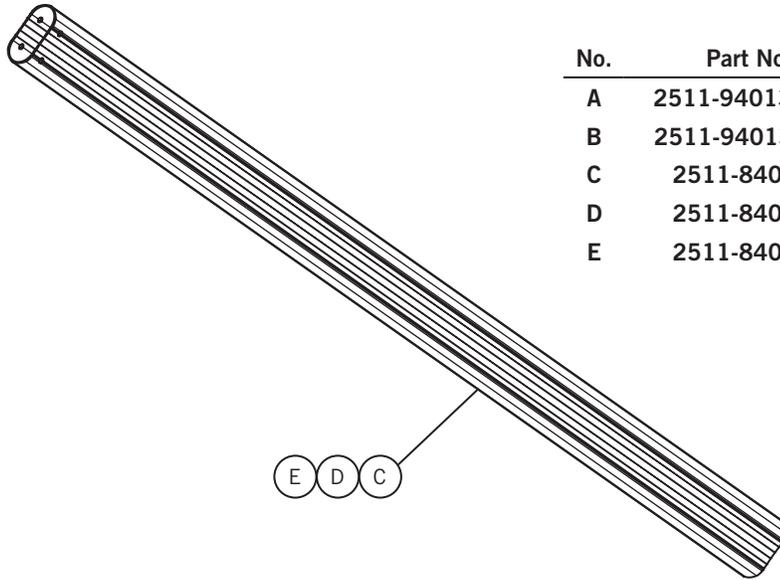


No.	Part No. Arm Only	System Length	Description	Part No. Includes casting	
1A	0311-861910	10' - 13'	Swing Arm Undermount 60"	0311-961930	LWR SWING ARM ASSY10-13
1B	0311-861911	14' - 17'	Swing Arm Undermount 92"	0311-961931	LWR SWING ARM ASSY11-17
1C	0311-861912	18' - 21'	Swing Arm Undermount 103"	0311-961932	LWR SWING ARM ASSY18-21
1D	0311-861913	22' - 25'	Swing Arm Undermount 138"	0311-961933	LWR SWING ARM ASSY22-25
1E	0311-961914	26' - 28'	Swing Arm Undermount 160"	0311-961934	LWR SWING ARM ASSY26-28

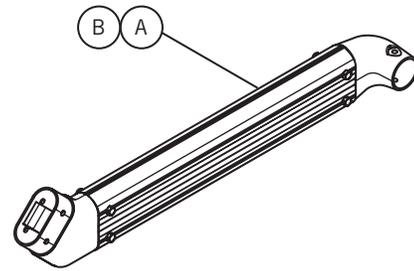
			0311-960554 Hardware Kit		
No.	Part No.	Description	No.	Description	Qty
2	0311-860589	Connecting Arm DS	7	Spring Tension 4"	2
3	0311-860590	Connecting Arm PS	8	1/4-20 x 2 1/4 Hex Bolt	2
4A	0311-860591	Cross Arm Rear Steel 92"	9	1/4-20 x 2 1/2 Eye Bolt	2
4B	0311-860574	Cross Arm Rear Steel 104"	10	1/4-20 Nylon Hex Nut	4
4C	0311-860573	Cross Arm Rear Steel 110"	11	1/4 x 1 5/8 Spring Pin	4
5	0311-862260	Rubber Bumper Steel Arms	12	5/16-18 x 2 1/2 Hex Bolt	4
6	0311-860185	Spring Casting for Steel Arms	13	5/16-18 Nylon Hex Nut	4

Arms Model AeroForce

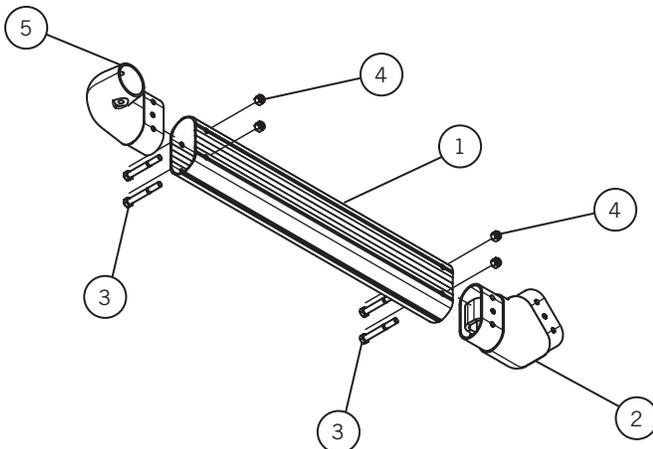
Bent Swing Arm Assembly



No.	Part No.	Description	Fits
A	2511-940130-DS	ASSY, BENT UPPER D.S. 56"	ALL
B	2511-940130-PS	ASSY, BENT UPPER P.S. 56"	ALL
C	2511-840090	LOWER SWING ARM 40"	15'-19'
D	2511-840091	LOWER SWING ARM 62"	20'-27'
E	2511-840092	LOWER SWING ARM 106"	28'-35'



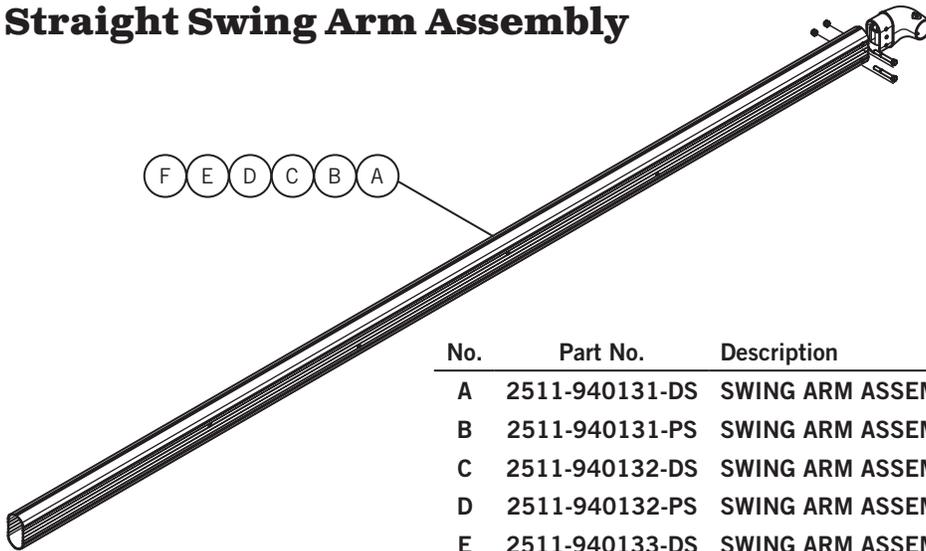
Bent Arm Upper Assembly



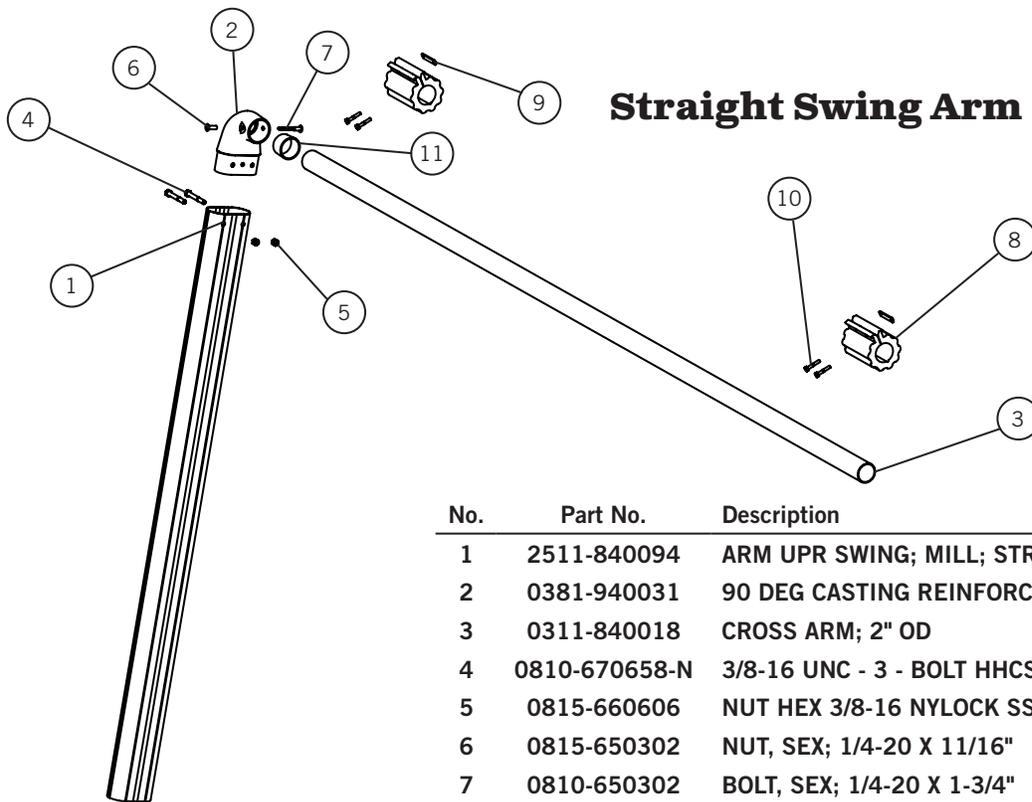
No.	Part No.	Description	Qty.
1	2511-840093	ARM, BENT SWING UPPER 56"	1
2	0381-940030	45 DEG CASTING REINFORCED	1
3	0810-670658	3/8-16 UNC - 3 - BOLT HHCS	4
4	0815-660606	NUT HEX 3/8-16 NYLOCK SS	4
5	0381-940031	90 DEG CASTING REINFORCED	1

Arms Model AeroForce

Straight Swing Arm Assembly



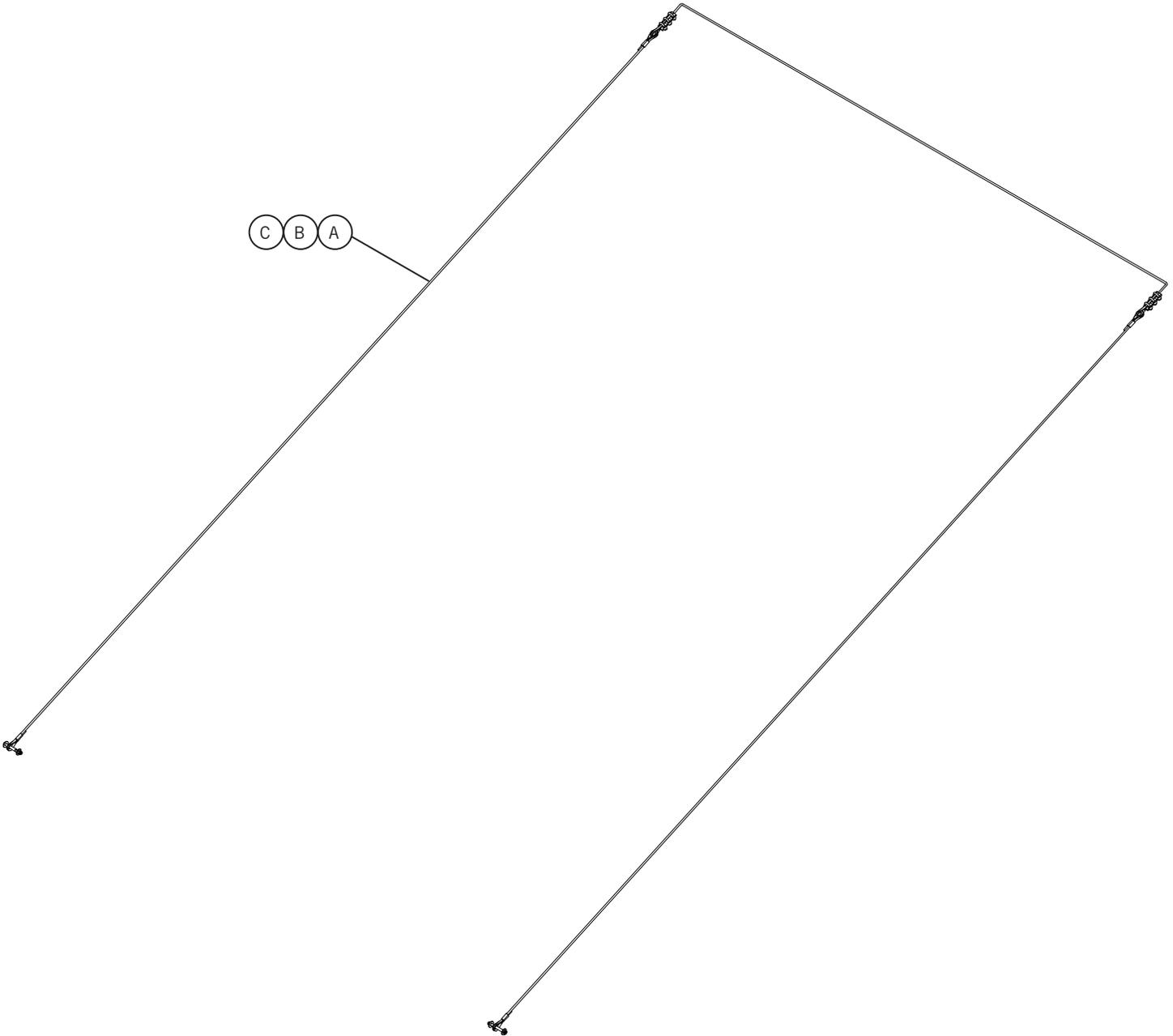
No.	Part No.	Description	Fits
A	2511-940131-DS	SWING ARM ASSEMBLY 60" D.S.	SMALL PIVOT 15'-19'
B	2511-940131-PS	SWING ARM ASSEMBLY 60" P.S.	SMALL PIVOT 15'-19'
C	2511-940132-DS	SWING ARM ASSEMBLY 110" D.S.	MEDIUM PIVOT 20'-27'
D	2511-940132-PS	SWING ARM ASSEMBLY 110" P.S.	MEDIUM PIVOT 20'-27'
E	2511-940133-DS	SWING ARM ASSEMBLY 154" D.S.	MEDIUM PIVOT 28'-35'
F	2511-940133-PS	SWING ARM ASSEMBLY 154" P.S.	MEDIUM PIVOT 28'-35'



Straight Swing Arm Components

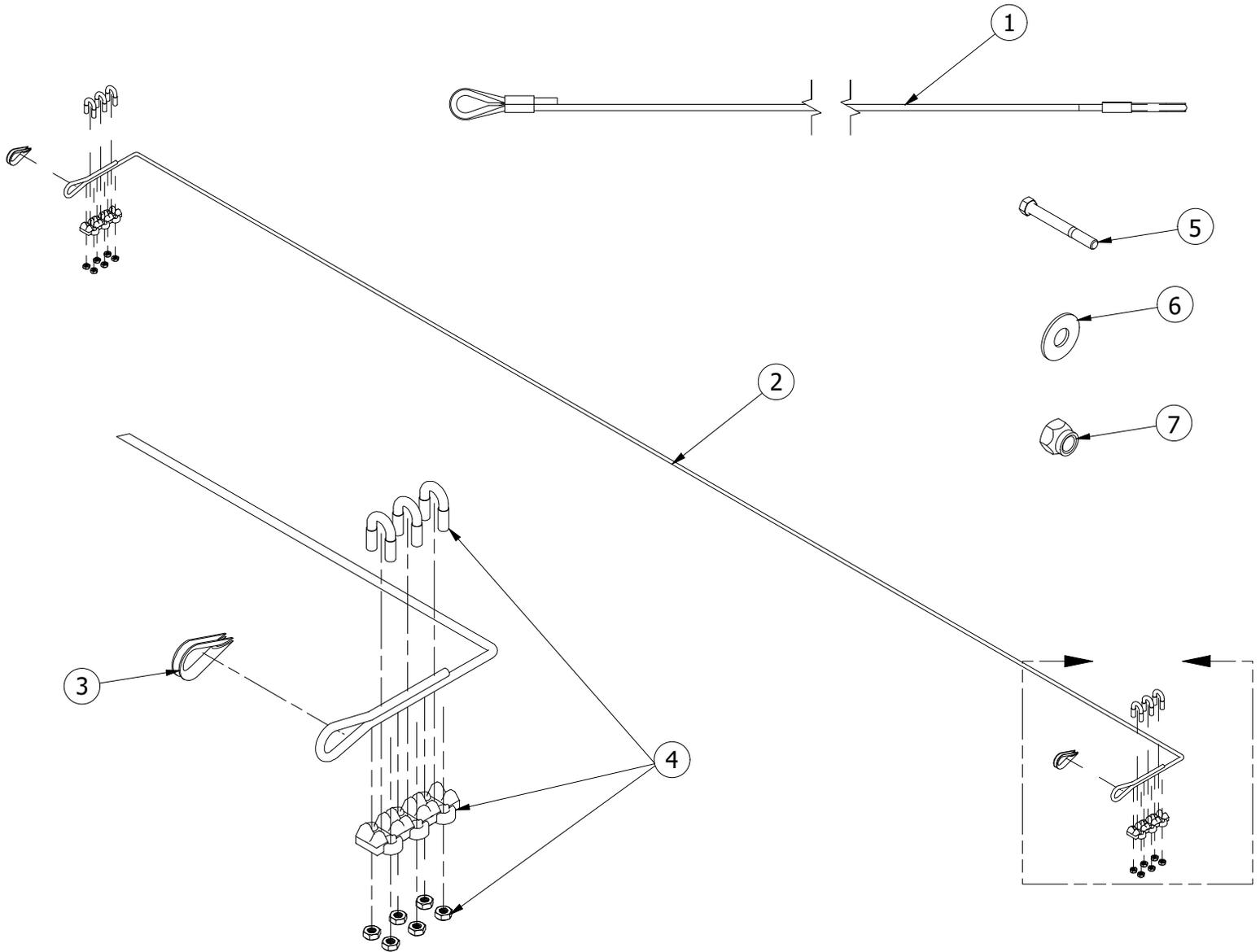
No.	Part No.	Description	Qty.
1	2511-840094	ARM UPR SWING; MILL; STRT	1
2	0381-940031	90 DEG CASTING REINFORCED	1
3	0311-840018	CROSS ARM; 2" OD	1
4	0810-670658-N	3/8-16 UNC - 3 - BOLT HHCS	2
5	0815-660606	NUT HEX 3/8-16 NYLOCK SS	2
6	0815-650302	NUT, SEX; 1/4-20 X 11/16"	1
7	0810-650302	BOLT, SEX; 1/4-20 X 1-3/4"	1
8	0311-862278	BUMPER, AEROFORCE	2
9	0815-661151	WELD NUT 1/4-20 X 2" DOUBLE TAPPED	2
10	0810-650479	1/4-20 UNC - 1.5 - BOLT HHCS	4
11	0381-840006	TAPER SHIM	1

Arm Safety Cables Model Aeroforce



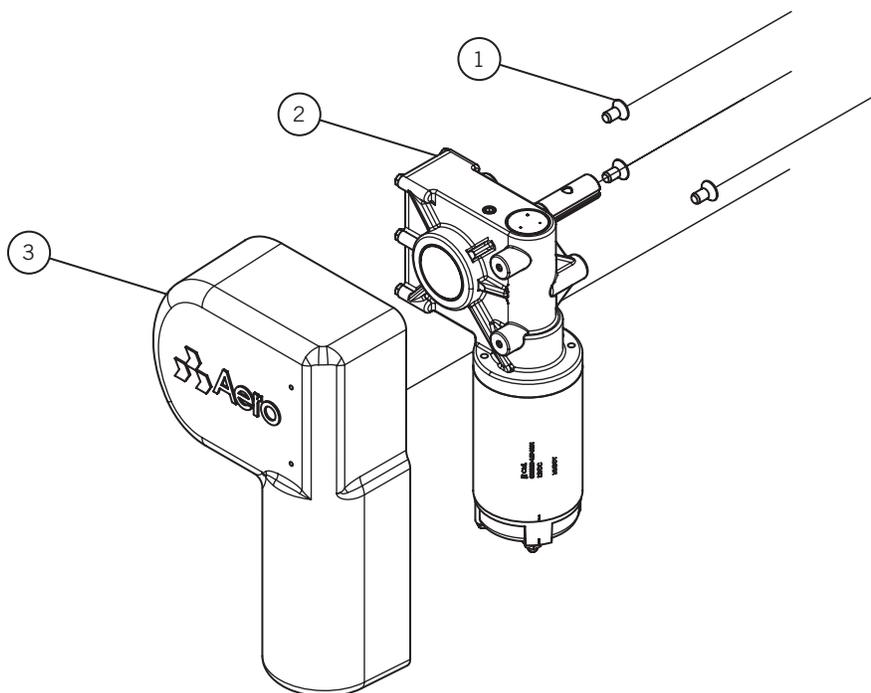
No.	Part No.	Description	Fits
A	2511-945010	KIT, SAFETY CABLE; 15-19'	SMALL PIVOT 15'-19'
B	2511-945011	KIT, SAFETY CABLE; 20-27'	MEDIUM PIVOT 20'-27'
C	2511-945012	KIT, SAFETY CABLE; 28-35'	MEDIUM PIVOT 28'-35'

Arm Safety Cables Components Model Aeroforce



No.	Part No.	Description	Qty.
1	2511-945001	ASSY, ARM SAFETY CABLE 9.2'	2
2	2511-945000	KIT, CROSS ARM CABLE	1
3	0850-603176	CABLE THIMBLE 1/4"	2
4	0850-603755	CLAMP 1/4" FORGED GALVANIZED	6
5	0810-650649	BOLT HHCS 3/8-16x3-1/4	2
6	0820-680620	WASHER FLAT 3/8" ZINC	4
7	0815-660660	NUT HEX, 3/8-16 ZINC NYLON	2

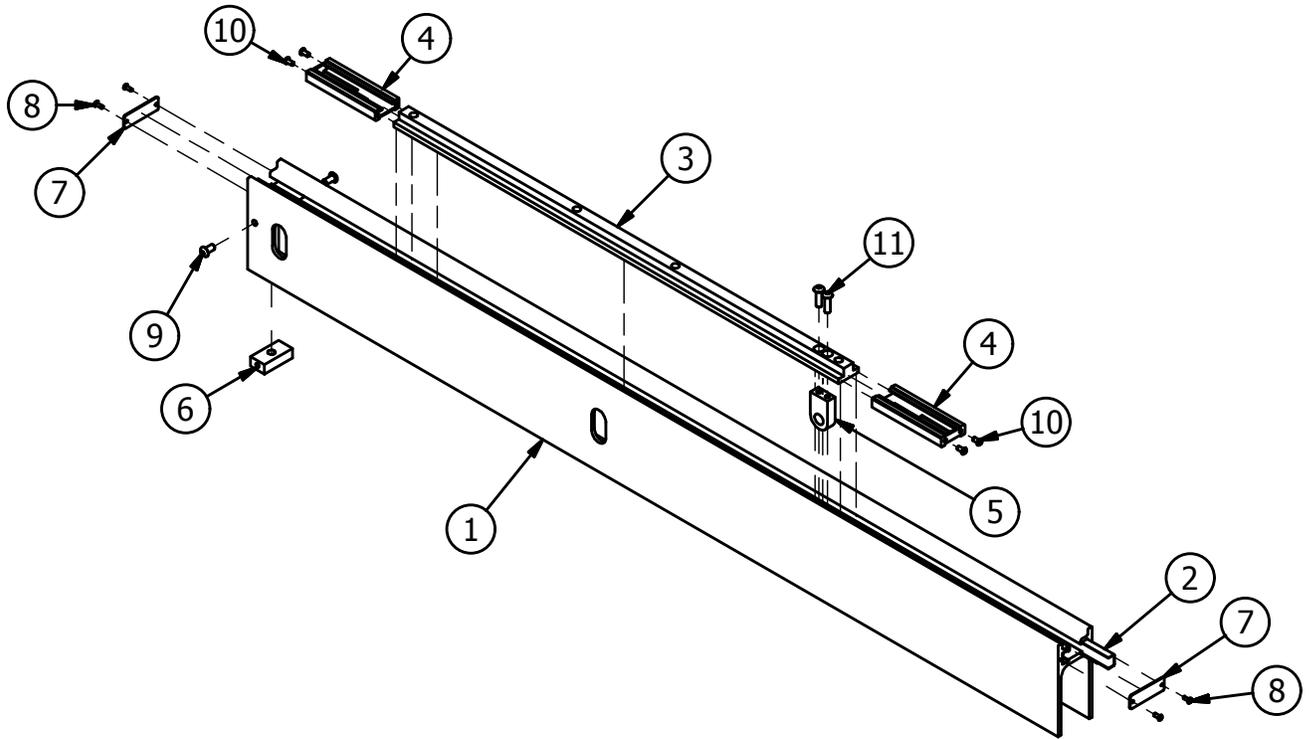
Motor Square Gearbox



No.	Part No.	Description	Qty.
1	0825-650885	5/16-18 X 5/8 FHSCS	3
2	0755-627005	MOTOR SQUARE GEARBOX	1
3	0311-860852	COVER, MOTOR	3

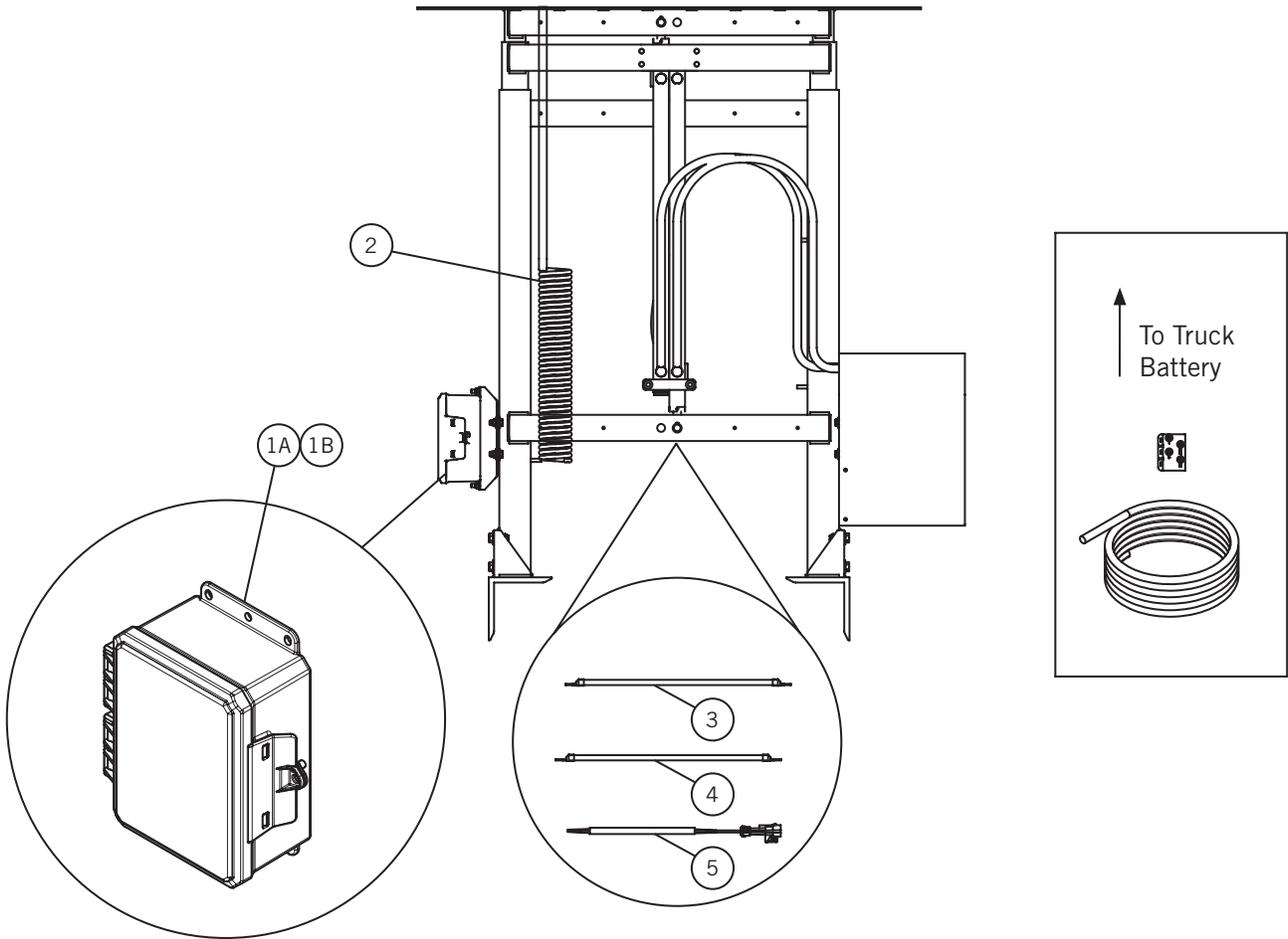
Note: Motor cover screw is a M4 x 8mm and is not stocked.

Slide and Mounting Assemblies Model AeroForce Slide



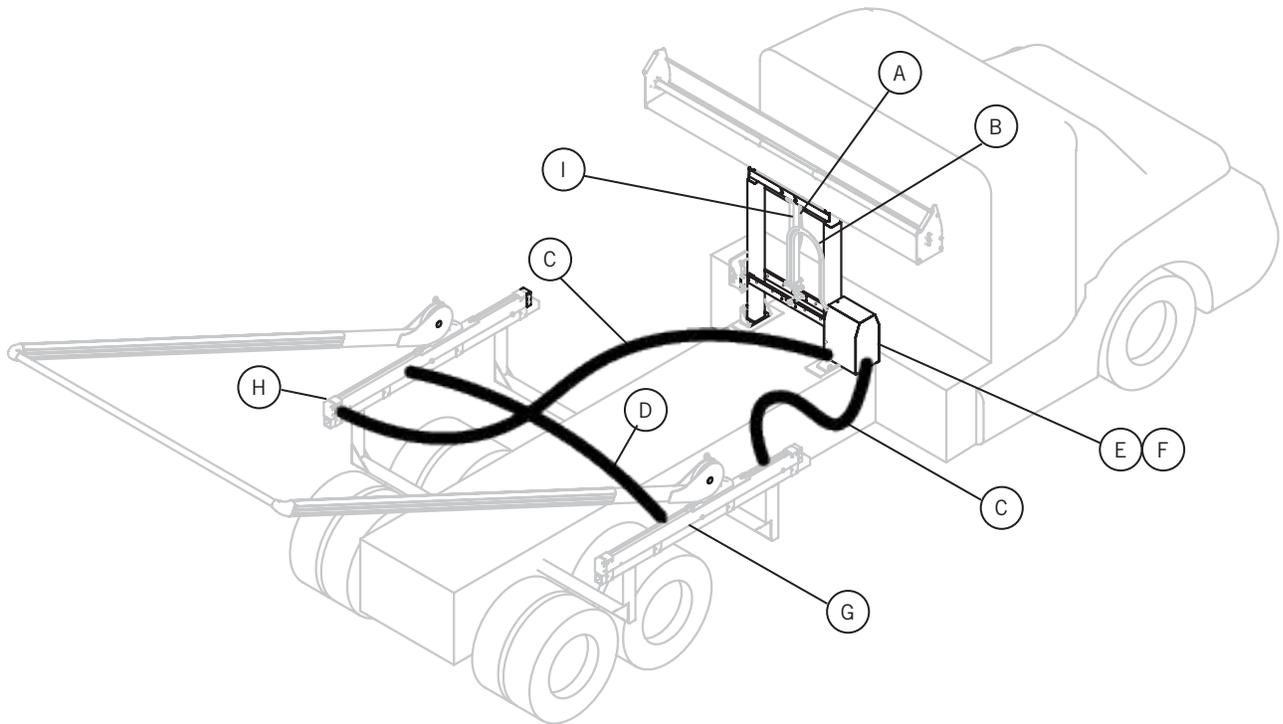
No.	Part No.	Description	Qty.
1	2511-840180	SLIDE CHANNEL	1
2	2511-840185	20Ga Carbon Steel	2
3	2511-840175	SLIDE TABLE	1
4	2511-840182	COPOLYMER SLIDE BUSHING	2
5	2511-840190	Cylinder Mount Clevis	1
6	2511-840195	ROC CYL Block	1
7	2511-840197	End Plate	2
8	0825-670958	Button Head, Hex, 10-32 UNF x 0.5	4
9	0825-670960	Button Head, Hex, 0.375 UNF x 0.75	2
10	0825-670959	Button Head, Hex, 0.25 UNF x 0.5	4
11	0825-670964	Socket Head, 0.375 UNC X 1.00	2
12	2511-840110	Rephasing Cylinder BP2028JWF	1
13	2511-840177	MEDIUM PIVOT BASE	1
14	2511-840182 - Spacer		4

Electrical



No.	Part No.	Description	Qty.
1A	0755-860808	CONTROL BOX WITH REMOTE - HYDRAULIC TOWER	1
1B	0755-860800	CONTROL BOX WITH REMOTE - HYDRAULIC TOWER	1
2	2511-940074	COIL CORD 6 GA FOR TOWER - HYDRAULIC TOWER	1
3	CALL FOR INFO	PUMP SIGNAL WIRE ASSY	1
4	CALL FOR INFO	PUMP CONTROL BOX POWER CABLE ASSY	1
5	CALL FOR INFO	HYDRAULIC SELINOID CONTROL WIRE ASSY	4

Hydraulic Layout



No.	Part No.	Description	Description 2	Qty.
A	0790-200027	HYDRAULIC HOSE ASSY 1/4 X 2625"	TOWER CYLINDER TO CYLINDER	2
B	0790-200028	HYDRAULIC HOSE ASSY 1/4 X 57.75"	TOWER PUMP TO CYLINDER	2
C	0790-200029	HYDRAULIC HOSE ASSY 24'	TOWER PUMP TO CYLINDER	2
D	0790-200030	HYDRAULIC HOSE ASSY 16.5'	SLIDE CYLINDER TO CYLINDER	1
E	2511-840062	HYDRAULIC PUMP W/ TANK	2 STAGE-TOWER AND SLIDES	OPTION
F	2511-840079	HYDRAULIC PUMP W/ TANK	SINGLE STAGE TOWER ONLY	OPTION
G	2511-840100	HYDRAULIC CYLINDER LARGE	HYDRAULIC CYLINDER LARGE	1
H	2511-840101	HYDRAULIC CYLINDER SMALL	HYDRAULIC CYLINDER SMALL	1
I	2511-840055	HYDRAULIC CYLINDER TWIN ASSY	HYDRAULIC CYLINDER TWIN ASSY	1



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