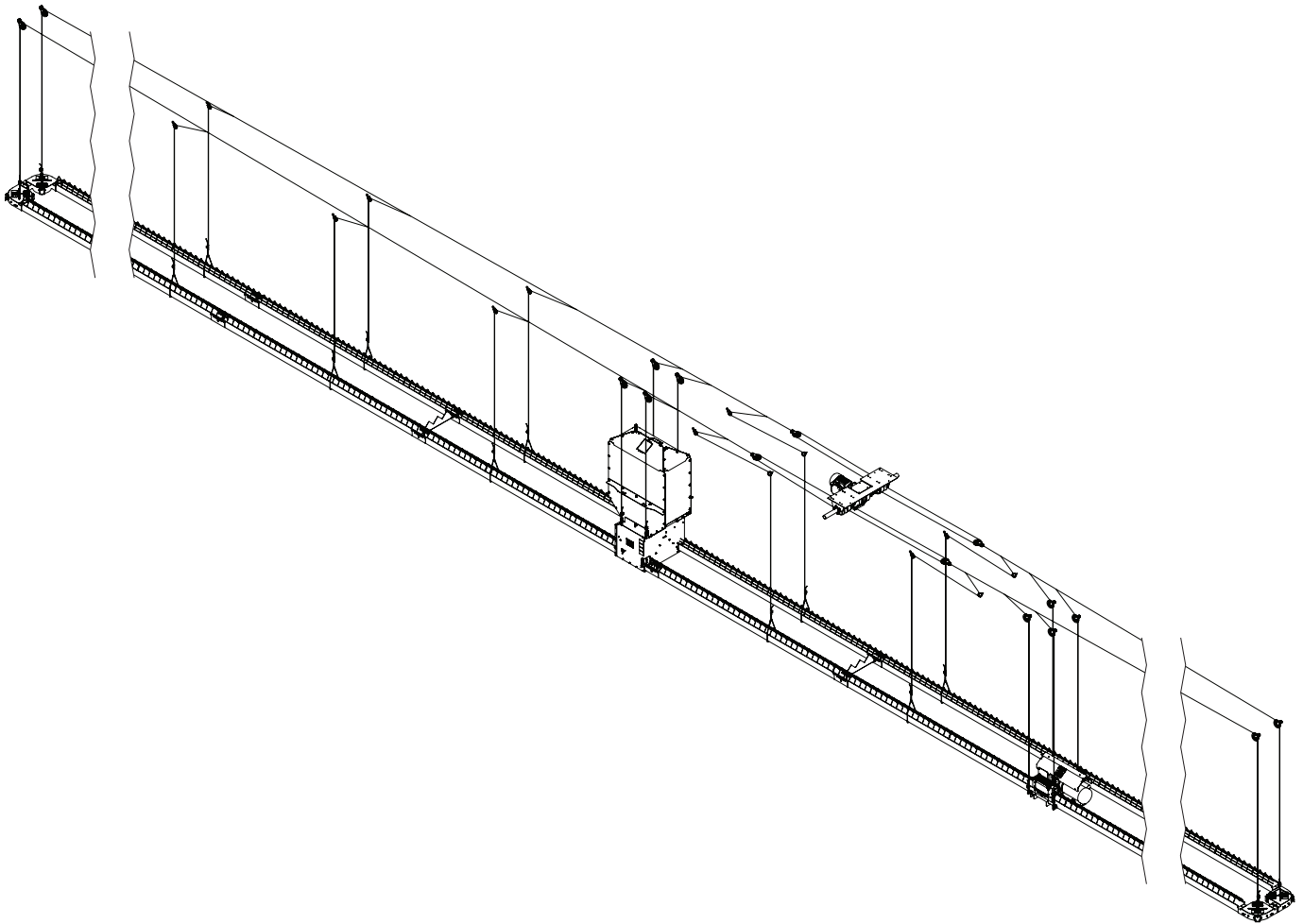


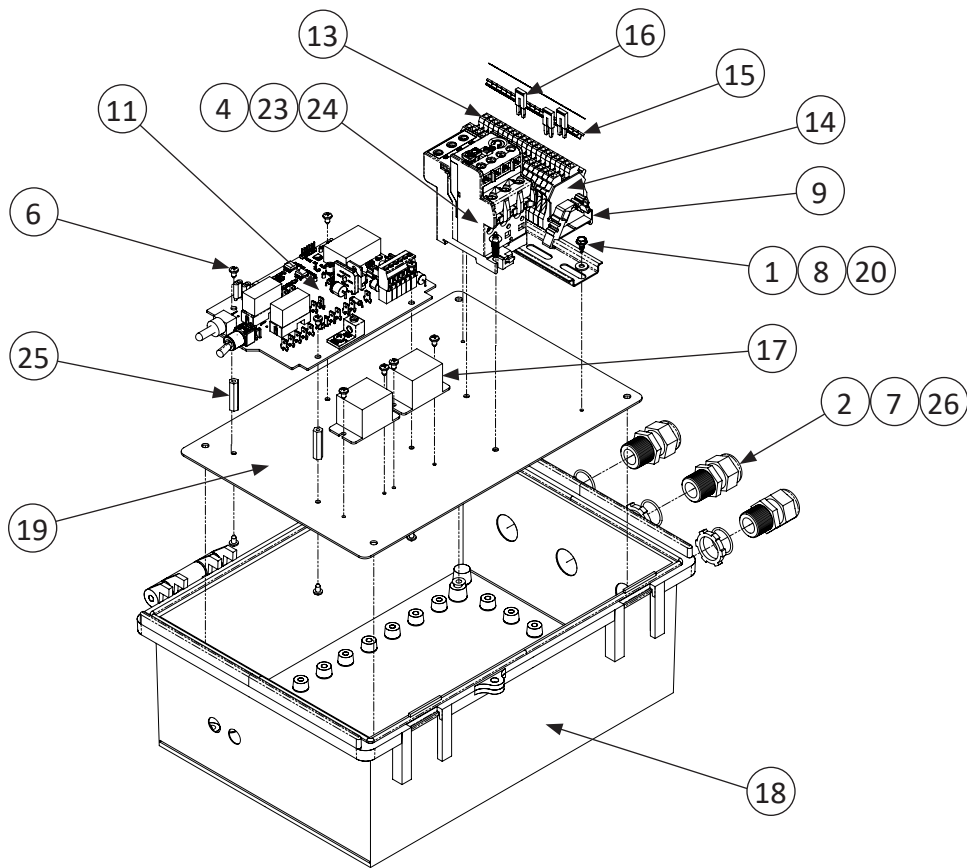


NARROW STRAIGHT LINE WINCH

Repair Parts List

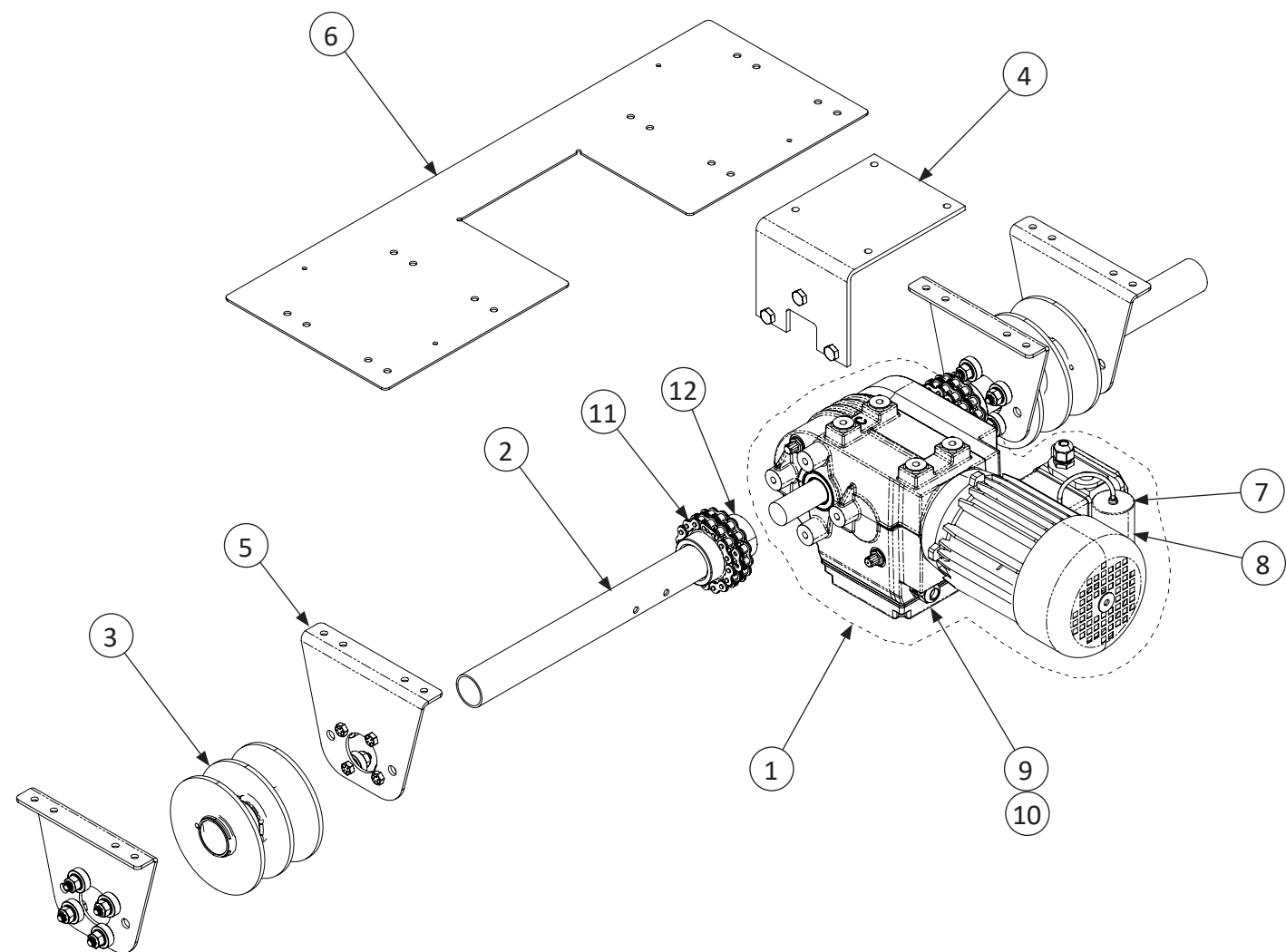


Narrow Straight Line Winch Controller (922330)



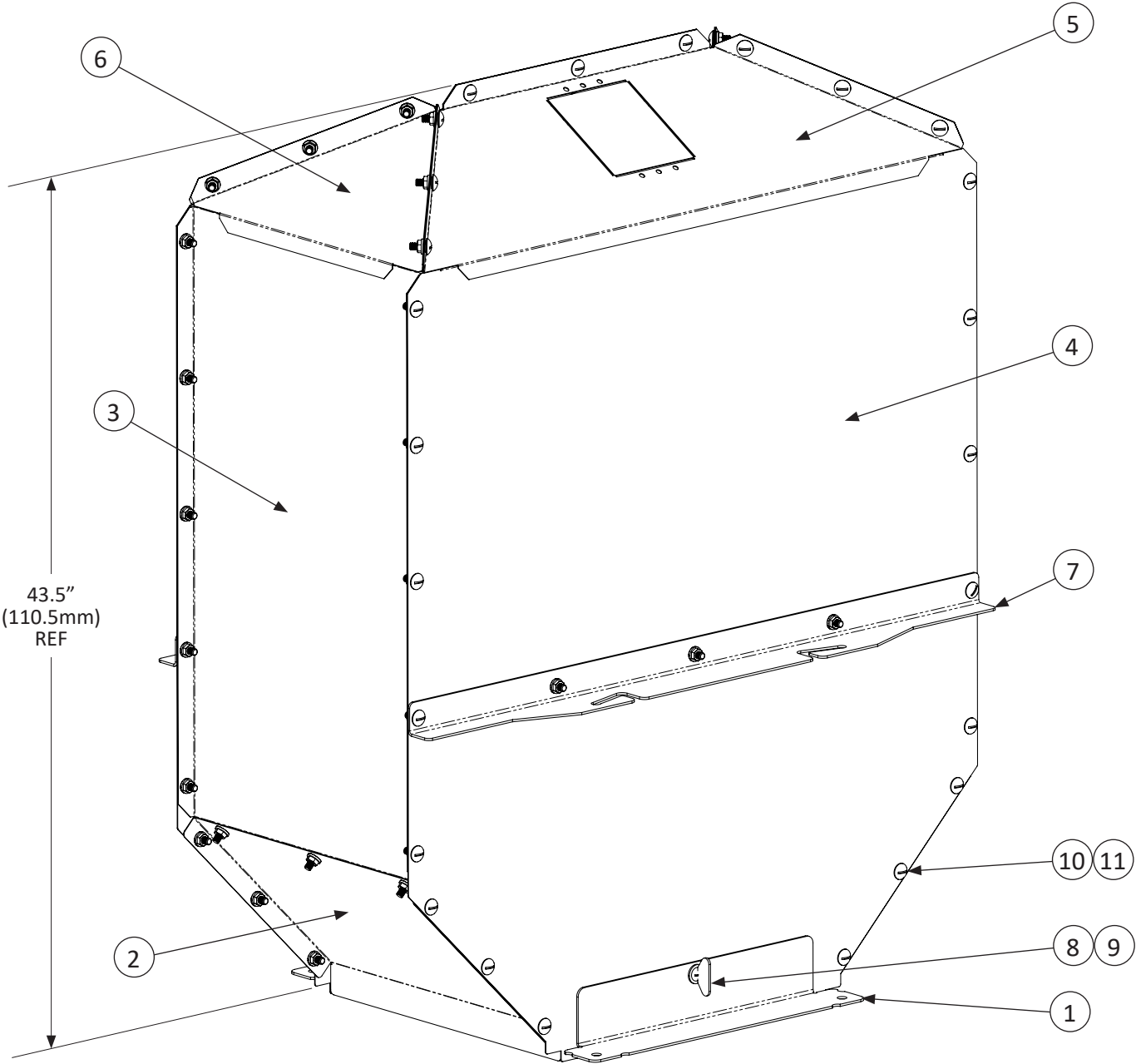
ITEM #	PART #	DESCRIPTION
922330 - NARROW STRAIGHT LINE WINCH CONTROLLER, 220-240 VAC 50/60HZ		
1	011412	#6 X 3/8" HEX HEAD SCREW
2	420473	1/2" CONDUIT NUT
3	450497	3/16" FEMALE QUICK CONNECT
4	690368	#10-32 X 5/8" PAN HEAD SCREW
5	730244	#16-14 X 1/4" EXPANDED BARREL
6	730514	#6-32 X 1/4" PAN HEAD SCREW
7	750030	1/2" NPT STRAIGHT CORDGRIP
8	814107	#6 X 3/8" OD WASHER
9	920881	DIN RAIL TERMINAL END BARRIER
10	920918	WIRE, 16AWG, MTW, BLACK, STRANDED, COPPER
11	921862-NW	NARROW LINE WINCH PCB BOARD
12	922144	WIRE FERRULE, 16 AWG, SGL
13	922285	TERMINAL BLOCK DIN DINKLE DK2.5N
14	922286	TERM BLOCK END COVER FOR DK2.5N
15	922287	TERM BLOCK LABEL FOR DK2.5N
16	922288	TERM BLOCK JUMPER FOR DK2.5N
17	922332	POWER RELAY
18	922333	WINCH CONTROLLER ENCLOSURE
19	922334	MOUNTING PLATE WINCH CONTROLLER
20	922335	5.5" DIN RAIL
21	922343	WIRE FERRULE 16 AWG BLK DOUBLE
22	922345	RING TERMINAL, 14-16 AWG
23	922346	ADAPTER RELAY, THERMAL OVERLOAD
24	922347	RELAY MOTOR, THERMAL OVERLOAD
25	HW-59	6-32 X 1.00" STANDOFF, DIGIKEY 36-2212-ND
26	HW-71-204	11/16" ID X 13/16" OD O-RING

Narrow Straight Line Winch Assembly (421980)



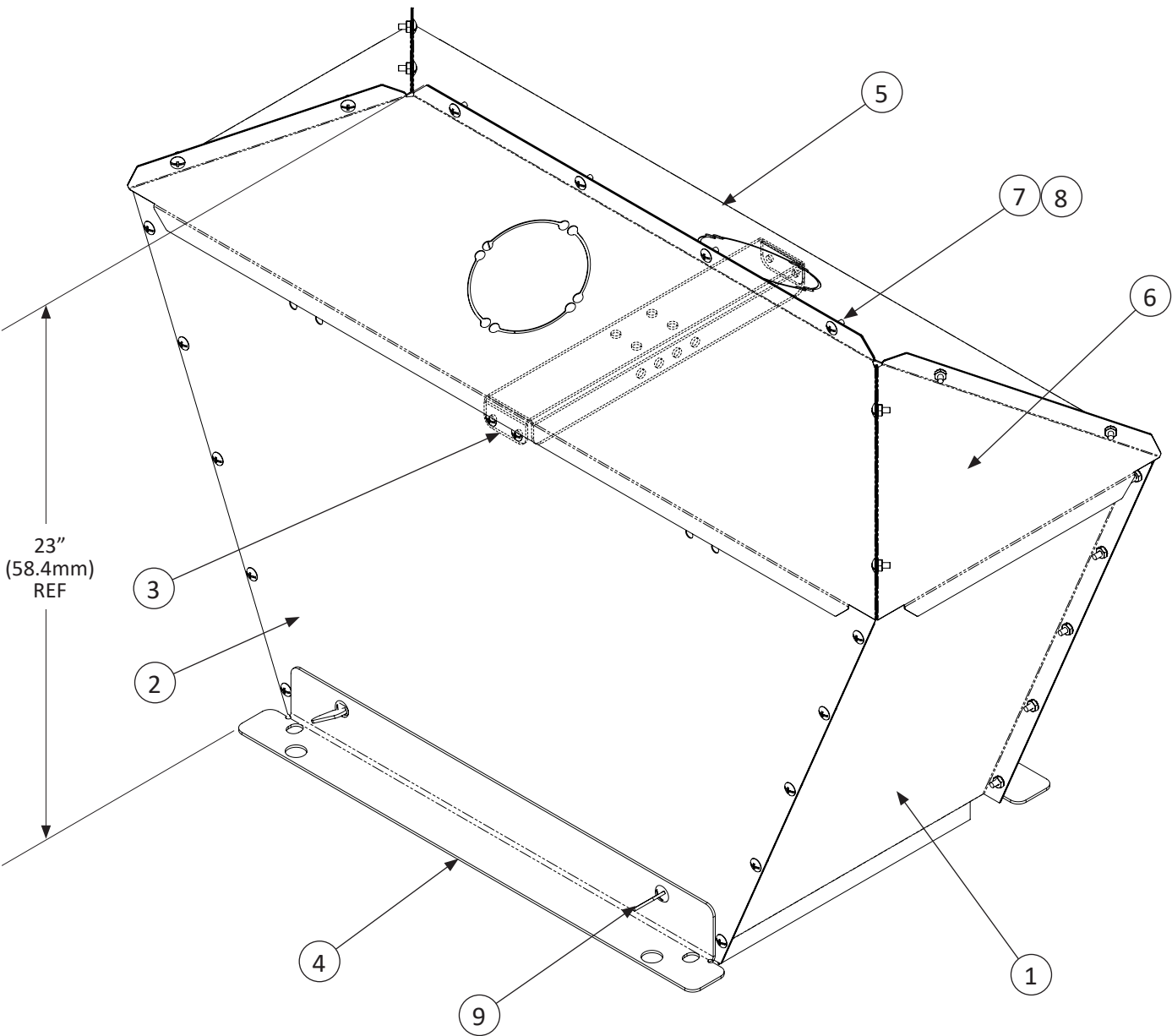
ITEM #	PART #	DESCRIPTION
421980 - NARROW STRAIGHT LINE WINCH ASSEMBLY		
1	421981	WINCH WITH LIMITS, 800Nm, 240V, 60H, .35HP, 6.1 FLA
2	421982	TUBE WITH COUPLING
3	421983	DOUBLE WINCH DRUM
4	421985	ANGLED WINCH MOUNT PLATE
5	421993	BALL BEARING PLATE
6	421994	ALIGNMENT PLATE
REPAIR PARTS		
7	421980-001	RUN CAPACITOR 35 UF
8	421980-002	START CAPACITOR 85 UF
9	421980-003	LIMIT SWITCH ASSEMBLY
10	421980-004	COGWHEEL ON LIMIT SWITCH AXLE, 48 TOOTH, PLASTIC
11	421980-005	CHAIN ASSEMBLY, 10B, 16 LINKS WITH CONNECTOR
12	421980-006	CHAIN WHEEL, 10B 216 D25

Flat Chain Large Capacity Hopper, 350lb. (421970)



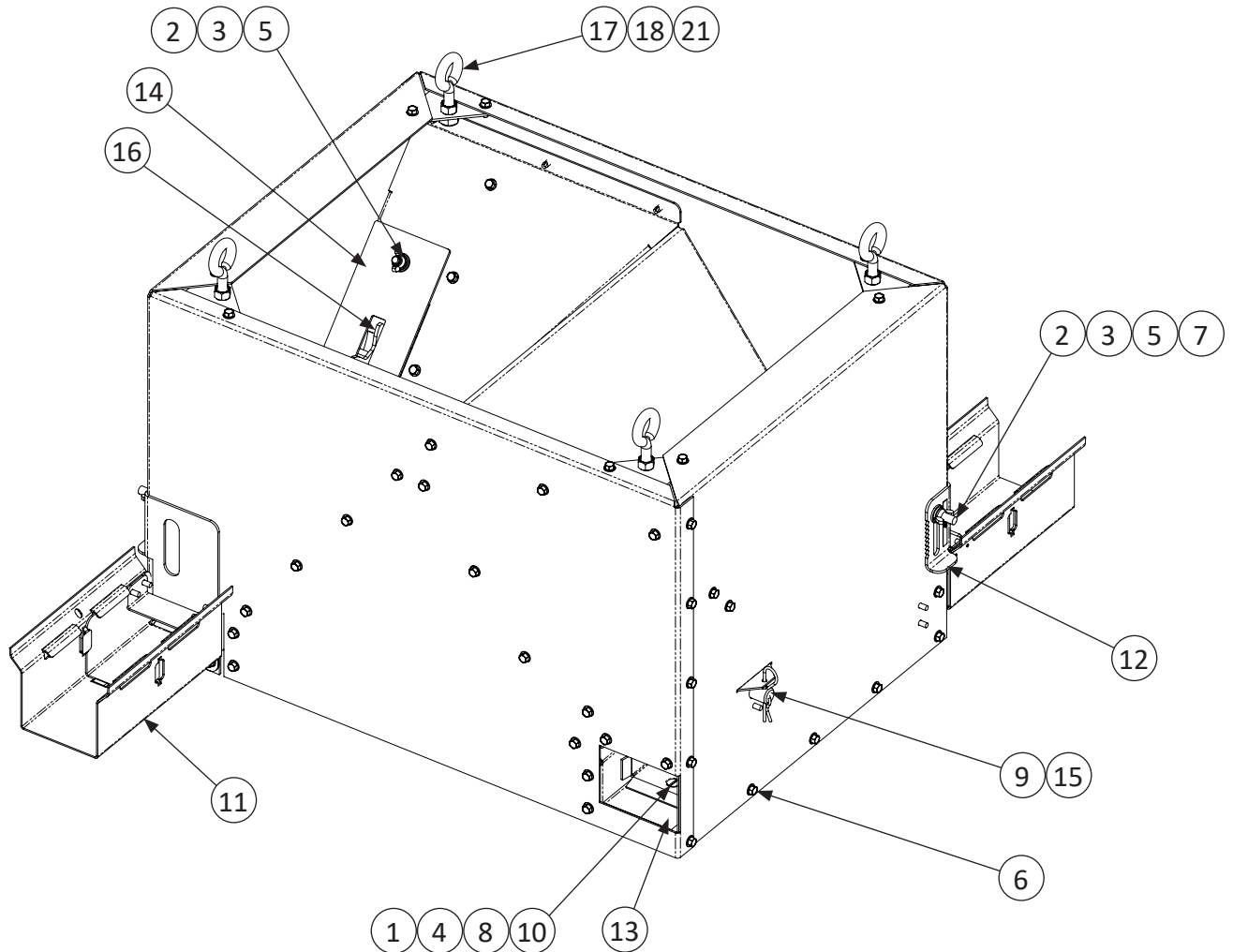
ITEM #	PART #	DESCRIPTION
421970 - FLAT CHAIN LARGE CAPACITY HOPPER, 350LB		
1	420554	HOPPER ATTACHMENT ANGLE
2	421971	HOPPER BOTTOM SIDE
3	421972	HOPPER SIDE
4	421973	HOPPER FRONT
5	421974	HOPPER LID FRONT
6	421975	HOPPER LID SIDE
7	421976	HOPPER ANGLE
421977 - HOPPER HARDWARE BAG		
8	010458	5/16" FLAT WASHER
9	102019	5/16-18 X 3/4" THUMBSCREW
10	501440	5/16-18 X 3/4" TRUSS BOLT
11	501441	5/16-18 SERRATED, FLANGED HEX NUT

Low Profile Extension Hopper, 155 lb. (420900)



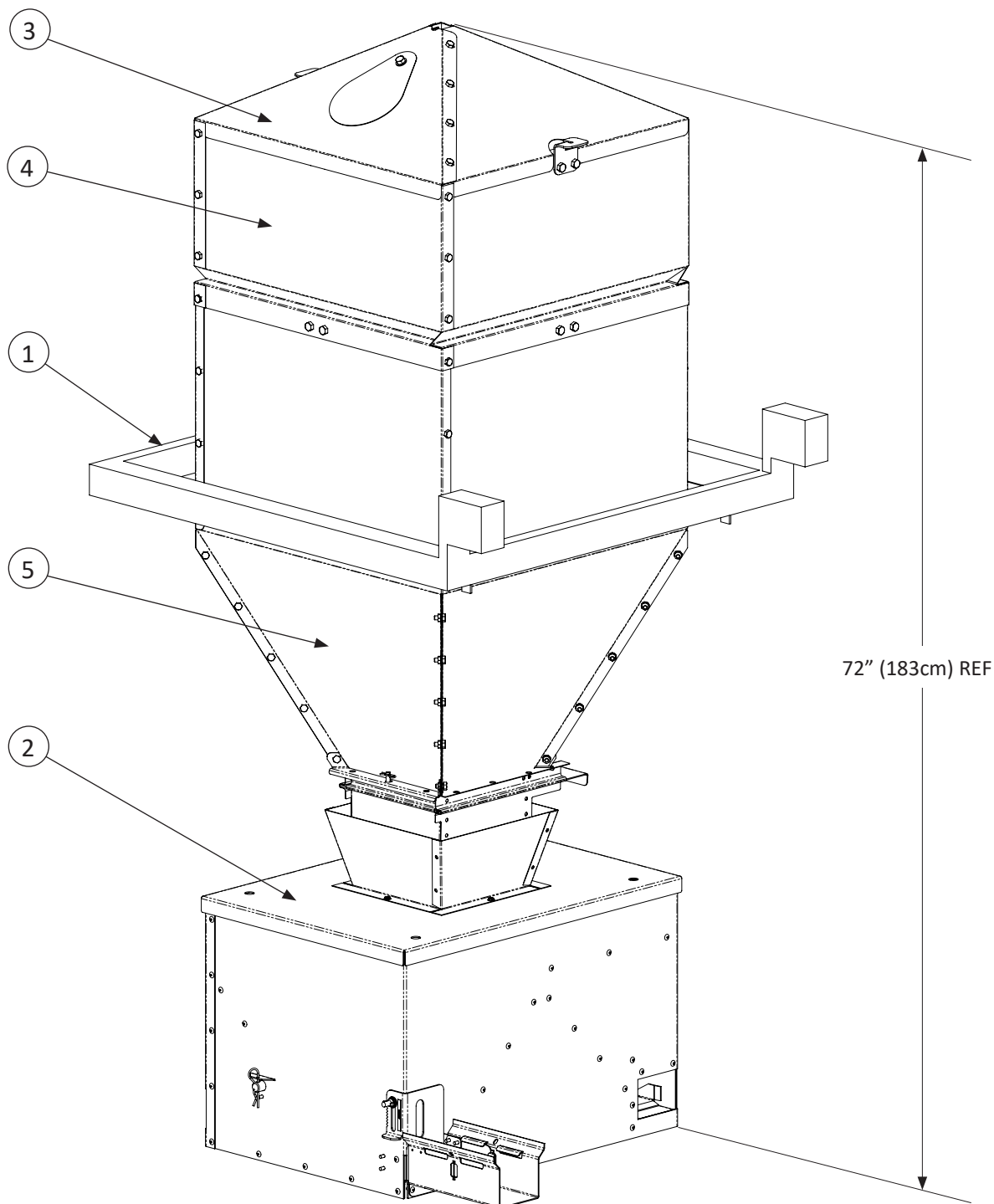
ITEM #	PART #	DESCRIPTION
420900 - LOW PROFILE EXTENSION HOPPER, 155 lb.		
1	420902	SIDE PANEL, LOW PROFILE EXTENSION HOPPER
2	420903	MAIN PANEL, LOW PROFILE EXTENSION HOPPER
3	420904	FEED HOPPER CROSS BRACE
4	420905	EXTENSION HOPPER ATTACHMENT ANGLE
5	420906	LID SIDE, LOW PROFILE EXTENSION HOPPER
6	420907	LID END, LOW PROFILE EXTENSION HOPPER
420903 - HARDWARE BAG, LOW PROFILE EXTENSION HOPPER		
7	010502	#10-24 X 1/2" TRUSS HEAD SCREW
8	012408	#10-24 ZP KEP NUT
9	102019	5/16" X 3/4" THUMBSCREW

Auxiliary Hopper, 2 Line 2 Way (421960)



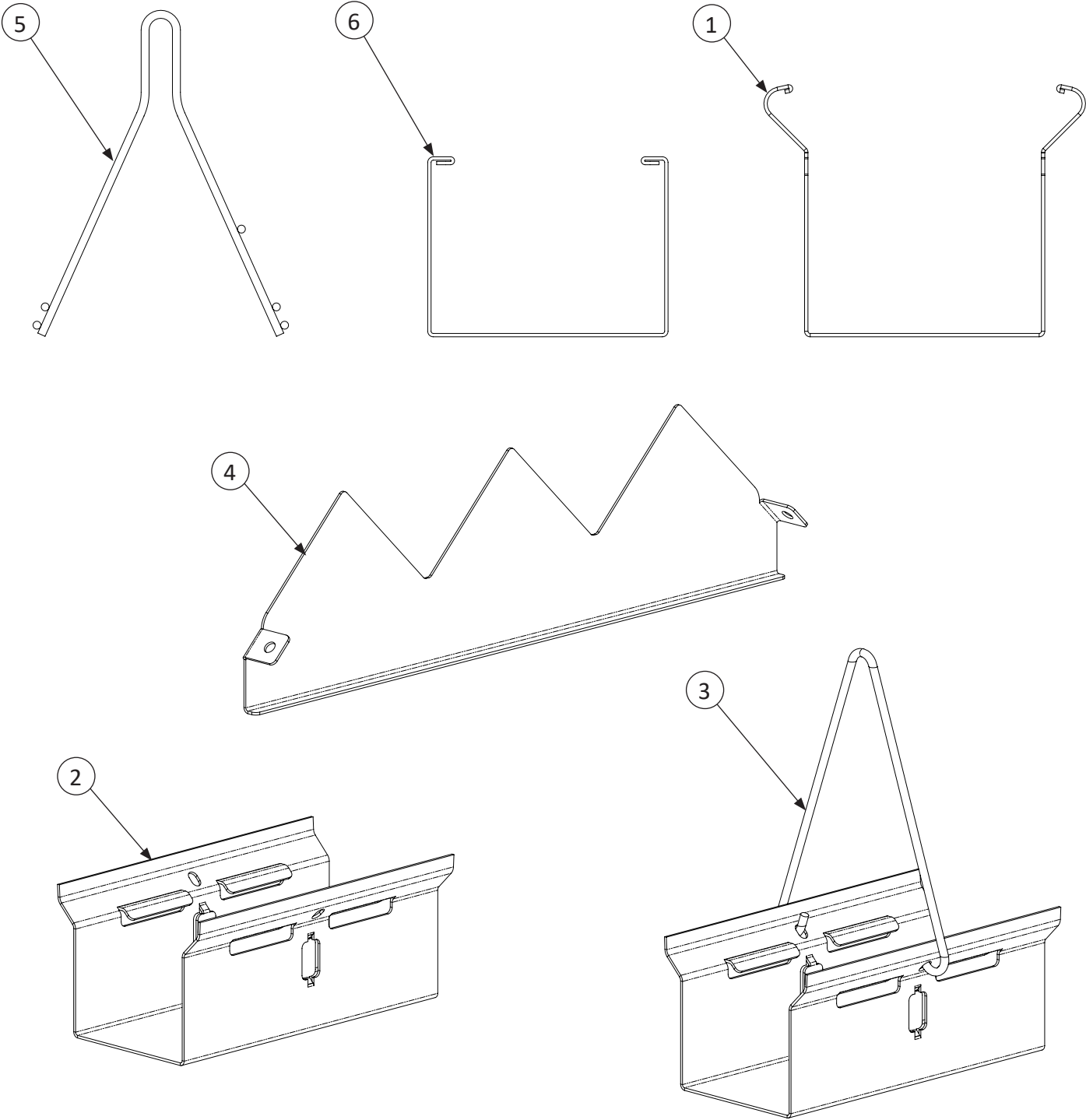
ITEM #	PART #	DESCRIPTION
421960 - AUXILIARY HOPPER, 2 LINE 2 WAY		
1	010251	1/4" LOCK WASHER
2	010252	5/16" LOCK WASHER
3	010426	5/16" FLAT WASHER
4	010602	1/4-20 HEX NUT
5	010944	5/16-18 WING NUT
6	011383	#12-24 X 1/2" THREAD CUTTING HEX BOLT
7	011454	5/16-18 X 1" CARRIAGE BOLT
8	012744	1/4-20 X 5/8" COUNTERSUNK BOLT
9	012746	#11 HAIRPIN COTTER PIN
10	410057	WIDE CHAIN GUIDE
11	410328	8" TROUGH COUPLER
12	420818	FEED GATE
13	421963	BOTTOM CHANNEL
14	421966	REPACKER PLATE
15	480069	IMPELLOR SHAFT
16	480131	WIDE REPACKER WHEEL ASSEMBLY
420738 - 1 LINE AUXILIARY HOPPER HARDWARE BAG		
17	010670	3/8-16 X 1-1/2" EYE BOLT
18	011115	3/8-16 HEX NUT
19	012408	#10-24 K-LOCK HEX NUT <i>(for use with Spinks Scale)</i>
20	012698	#10-24 X 1/2" SLOTTED HEX BOLT <i>(for use with Spinks Scale)</i>
21	936054	3/8-16 NYLOCK NUT

Spinks Rooster Scale and High Capacity Feed Hopper Assembly



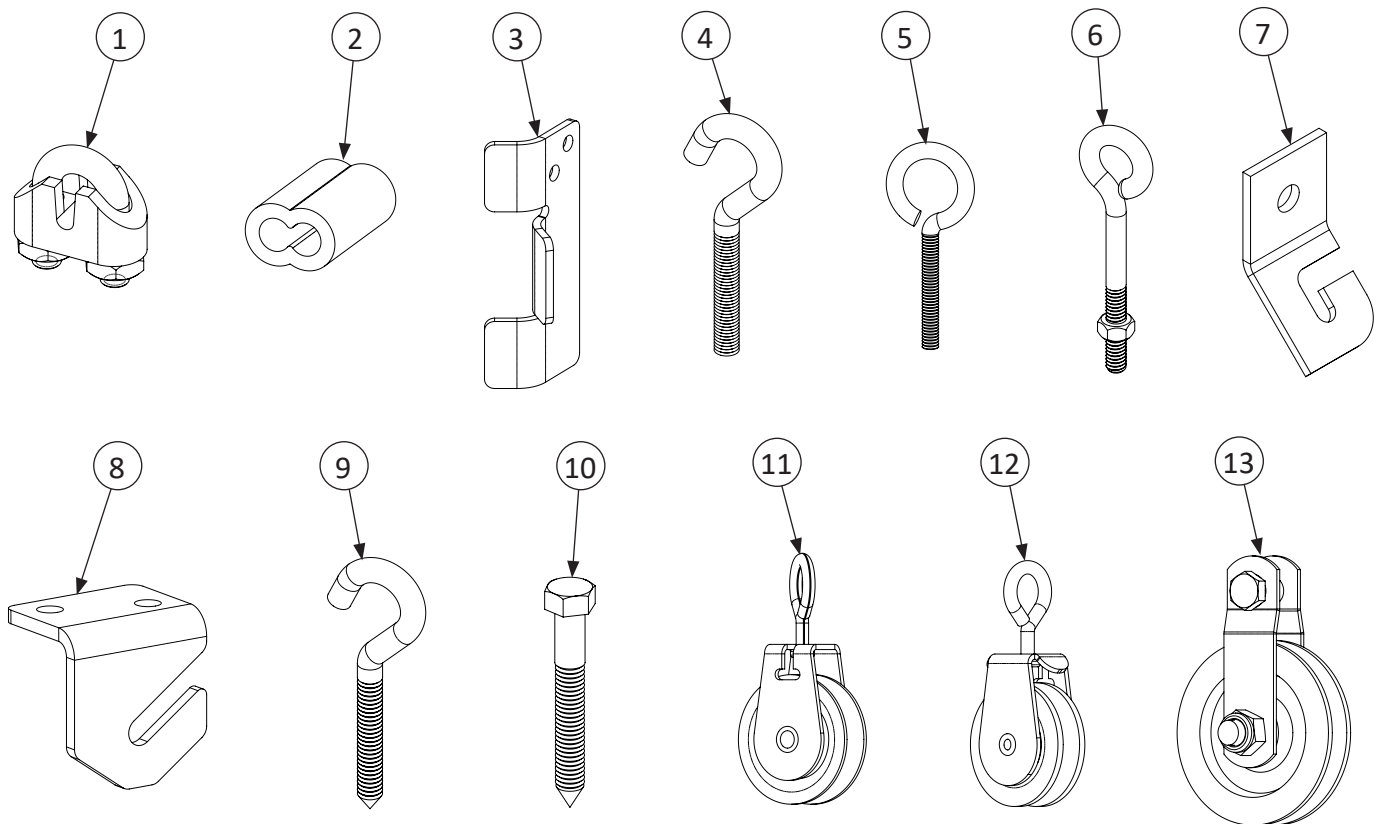
ITEM #	PART #	DESCRIPTION
SPINKS ROOSTER SCALE ASSEMBLY		
1	415466	350LB SPINKS ROOSTER SCALE WITH CONTROL
2	421990	1 LINE FLAT CHAIN HOPPER ADAPTER PLATE FOR SPINKS SCALE
3	450804	HOPPER COVER (100 & 200 LB)
4	451022	10.5" EXTENSION, 100LB CAPACITY METAL HOPPER
5	451320	200 LB SLIP-IN HIGH CAPACITY FEED HOPPER

Hen Trough, Pullet Trough, and Grills



ITEM #	PART #	DESCRIPTION
HEN TROUGH, PULLET TROUGH, AND GRILLS		
1	410300	10" HEN TROUGH
2	410328	8" HEN TROUGH COUPLER LESS HANGER
3	410329	8" HEN TROUGH COUPLER WITH HANGER
4	411071	TROUGH SPACER, NARROW LOOP, FLAT CHAIN
5	416113	5' GRILL, HI-PRO, 1 SIDE RESTRICTED
	416114	6' GRILL, HI-PRO, 1 SIDE RESTRICTED
6	420335	PULLET TROUGH, 5.5" NARROW LOOP, FLAT CHAIN

Cables, Cable Accessories, Suspension Hardware, Winching Fasteners, and Pulleys



ITEM #	PART #	DESCRIPTION
CABLES AND CABLE ACCESSORIES		
-	VG342	1/16" GALVANIZED 7 X 19 CABLE (Per Foot)
	VC343	1/8" GALVANIZED 7 X 7 CABLE (Per Foot)
	VC351	3/16" GALVANIZED 7 X 7 CABLE (Per Foot)
	820122	1/4" GALVANIZED 7 X 19 CABLE (Per Foot)
1	VC353	1/16" GALVANIZED CABLE CLAMP
	VC354	1/8" GALVANIZED CABLE CLAMP
	VC355	3/16" GALVANIZED CABLE CLAMP
	820123	1/4" GALVANIZED CABLE CLAMP
2	450386	1/8" X 1/8" CABLE SLEEVE
	VS344	1/8" X 3/16" CABLE SLEEVE
	VS343	3/16" X 3/16" CABLE SLEEVE
	VS342	1/8" CABLE ADJUSTER
SUSPENSION HARDWARE AND WINCHING FASTENERS		
4	VENEYEBOLT1/4-20	1/4-20 X 3" OPEN EYEBOLT
5	VENEYEBOLT	3/8-16 X 5" CLOSED EYEBOLT
6	690444	1/4-20 X 2-1/2" CLOSED EYEBOLT WITH NUT
7	820235	STEEL TRUSS WINCHING BRACKET (50 with Screws)
8	820233	STEEL TRUSS SUSPENSION BRACKET (25 with Screws)
	820055	STEEL TRUSS SUSPENSION BRACKET (50 with Screws)
9	VEN91504C	5/16" X 3-1/2" LAG SCREW HOOK
	713441	5/16" X 5" LAG SCREW HOOK
	816005	1/2" X 3-1/2" LAG SCREW HOOK
10	690262	5/16" X 1-1/2" LAG SCREW
	940706	5/16" X 2-1/2" LAG SCREW
PULLEYS		
11	VEN91101	1-7/8" NYLON SWIVEL PULLEY, YOKE TYPE
12	VEN91102	1-7/8" NYLON SWIVEL PULLEY
13	VEN91001	3-1/2" CAST IRON PULLEY WITH NEEDLE BEARING - NO BOLT