



PARTS MANUAL

SJIII 3215 SJIII 3219

DC ELECTRIC SCISSORS

165969AL

September 2025

CE

This manual is for MEWPs with serial numbers:

SJIII 3215: 10 000 996 - 10 999 999

SJIII 3219: 22 057 772 - 22 999 999

Please refer to the website (www.skyjack.com) for contact information, other serial numbers, the most recent technical manuals, animations, and USB software.

The original instructions are in English.

Table of Contents

Foreword.....	7
General.....	7
Parts Ordering Information.....	7
Method of Listing.....	7
Quantities.....	7
How To Order Repair Parts.....	7
Section 1 – Platform Related Parts.....	9
1.1 Entrance Gates.....	10
1.2 Gate Latch Assembly.....	13
1.3 Side Railing Assembly.....	14
1.4 Extension Platform Railing Assembly.....	16
1.5 Extension Slide Railing.....	18
1.6 Quick Release Pins.....	19
1.7 Main Platform Assembly.....	20
1.8 Extension Platform Assembly.....	23
1.9 Platform Control Console Assembly.....	24
1.10 Platform Control Box (Top).....	26
1.11 Enable Controller Assembly.....	28
1.12 Control Cable Assemblies.....	30
1.13 Platform AC Outlet Assembly.....	32
Section 2 – Scissor Related Parts.....	33
2.1 Scissor Stack Assembly.....	34
2.2 Scissor Stack Assembly - Accessories and Hardware.....	36
2.3 Beeper, Light and Transducer Assembly.....	39
2.4 Scissor Stack Assembly - Mounting Hardware.....	40
2.5 Scissor Stack Assembly - Connecting Hardware.....	42
2.6 Scissor Arm Limit Switch Assemblies.....	44
2.7 Lift Cylinder Assembly and Mounting Hardware.....	46
2.8 Holding Valve Assembly.....	48
Section 3 – Base Related Parts.....	49
3.1 Base Assembly.....	50
3.2 Pothole Protection Device.....	54
3.3 Control Module Assembly (Model SJIII 3215).....	58
3.4 Control Module Assembly (Model SJIII 3219).....	59
3.5 Wheel Assembly.....	60
3.6 Steer Mechanism.....	62

3.7	Steer Assembly	64
3.8	Steer Cylinder Assembly	65
3.9	Rear Brakes	66
3.10	Free-Wheeling Manifold Assembly	68
3.11	Hydraulic Hose Connections	69
3.12	Base Control Console Hardware A	70
3.13	Base Control Console Hardware B	71
3.14	Base Control Harness and Switches A	72
3.15	Base Control Harness and Switches B	74
3.16	Brake Cylinder Assembly	76
Section 4 – Hydraulic Tray Related Parts		79
4.1	Hydraulic/Electrical Tray Assembly - Welded Tank	80
4.2	Hydraulic/Electrical Tray Assembly - Plastic Tank	82
4.3	Main Manifold Assembly	84
4.4	Motor and Pump Assembly - Welded Tank	88
4.5	Motor and Pump Assembly - Plastic Tank	92
4.6	Emergency Lowering Manifold	95
4.7	Hydraulic Tank Lid Assembly - Welded Tank	96
4.8	Hydraulic Tank Assembly - Plastic Tank	98
4.9	Hydraulic Tray Hose Connections	100
4.10	Soft Stop Valve Assembly (Model SJIII 3215)	102
Section 5 – Battery Tray Related Parts		103
5.1	Battery Tray Assembly	104
5.2	Battery Charger - Delta-Q	108
5.3	Battery Charger - Signet	110
Section 6 – Electrical Related Parts		113
6.1	Electrical Panel and Hardware Assembly	114
6.2	Main Manifold Harness	116
6.3	Rear Manifold Harness	117
6.4	Horn, Control Module and Holding Valve Harnesses	118
6.5	Electrical Panel Harnesses	121
6.6	Elevate Telematics Harness	122
Section 7 – Optional Equipment		125
7.1	Flashing Amber Light	126
7.2	Air Hose to Platform Assembly	127
7.3	Board Carrier Option	128
7.4	Black Logo Labels Option (Model SJIII 3219)	129
7.5	Dual Flashing Amber Light Option (Diagonal)	130
7.6	RCD Option	132
7.7	Light Duty Pipe Rack Option	134

7.8	Heavy Duty Pipe Rack Assembly	135
7.9	Tool Caddy	136
7.10	Aluminum Control Box Guard Option	138
7.11	Secondary Guard Lift Enable	139
7.12	Elevate Telematics	140
Section 8 – Labels		143
8.1	Label Kit	144
8.2	Labels - Platform Control Console	145
8.3	Labels - Miscellaneous	146
8.4	Labels - Front and Back	148
8.5	Labels - Sides	150
8.6	Labels - Chassis Top	151

 **Notes**

Foreword

General

The information contained in this manual is designed to aid the user in locating and identifying replacement parts. Component parts of various assemblies and subassemblies comprising the work platform are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly order. If a part cannot be found in this manual, contact your local Skyjack Parts Department for assistance.

Parts Ordering Information

When ordering replacement parts, the complete part number and description should be used to ensure proper identification and delivery of the desired item. This complete identification should also be used when requesting equipment information.

Method of Listing

Parts are listed in order according to the reference number shown in the illustration, followed by a full description based upon the "NOUN FIRST" method. That is, the noun name of the part is listed first, then the modifying description information which serves to specifically identify the item. For example: PIN, Clevis.

Assemblies at the beginning of a parts list may be identified with a reference letter: A, B, C, etc. These letters are used to identify different configurations of the assembly. Individual parts in these lists have corresponding letters after their description to identify which assembly it is used in. If a part does not have a reference letter, it is used in all of the assemblies.

Bullets (•) are used to show the assembly structure, or parent/child relationship. A part listed at the beginning of the parts list without a bullet before the description is the main assembly, and all of the parts below it with one bullet are the subcomponent parts of that assembly. Two bullets denote a subcomponent of a subcomponent, etc.

Example:

Main Assembly A

- Part 1 (subcomponent of Main Assembly A)
- Part 2 (subcomponent of Main Assembly A)
- • Part 3 (subcomponent of Part 2)

Quantities

The quantities required to complete the assembly are given for each part. If the quantity is (AR), it is understood that the quantity may vary when the machine is equipped with certain options. Order quantity as needed.

How To Order Repair Parts

1. Address all orders to your local SKYJACK dealer.
2. Specify model and serial number of the work platform (found on the serial number plate).
3. List the quantity needed.
4. List the length needed (if it is a bulk item).
5. List the part number and description as shown in this manual for each item.
6. Show the billing and shipping address and the name of the individual, if possible.
7. Suggest the best routing.

Customer: _____

Dealer: _____

Model Number: _____

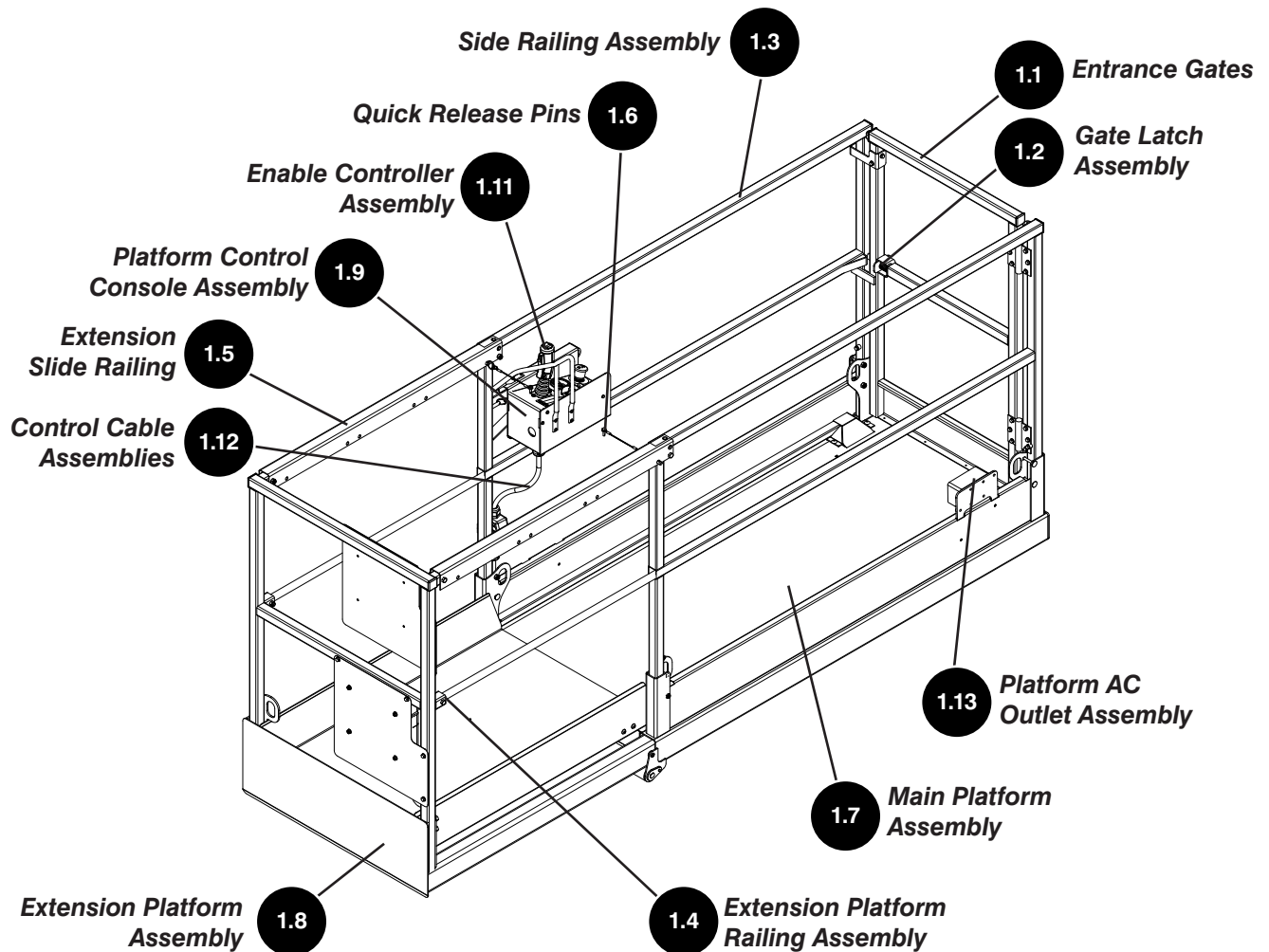
Serial Number: _____

Date Purchased: _____

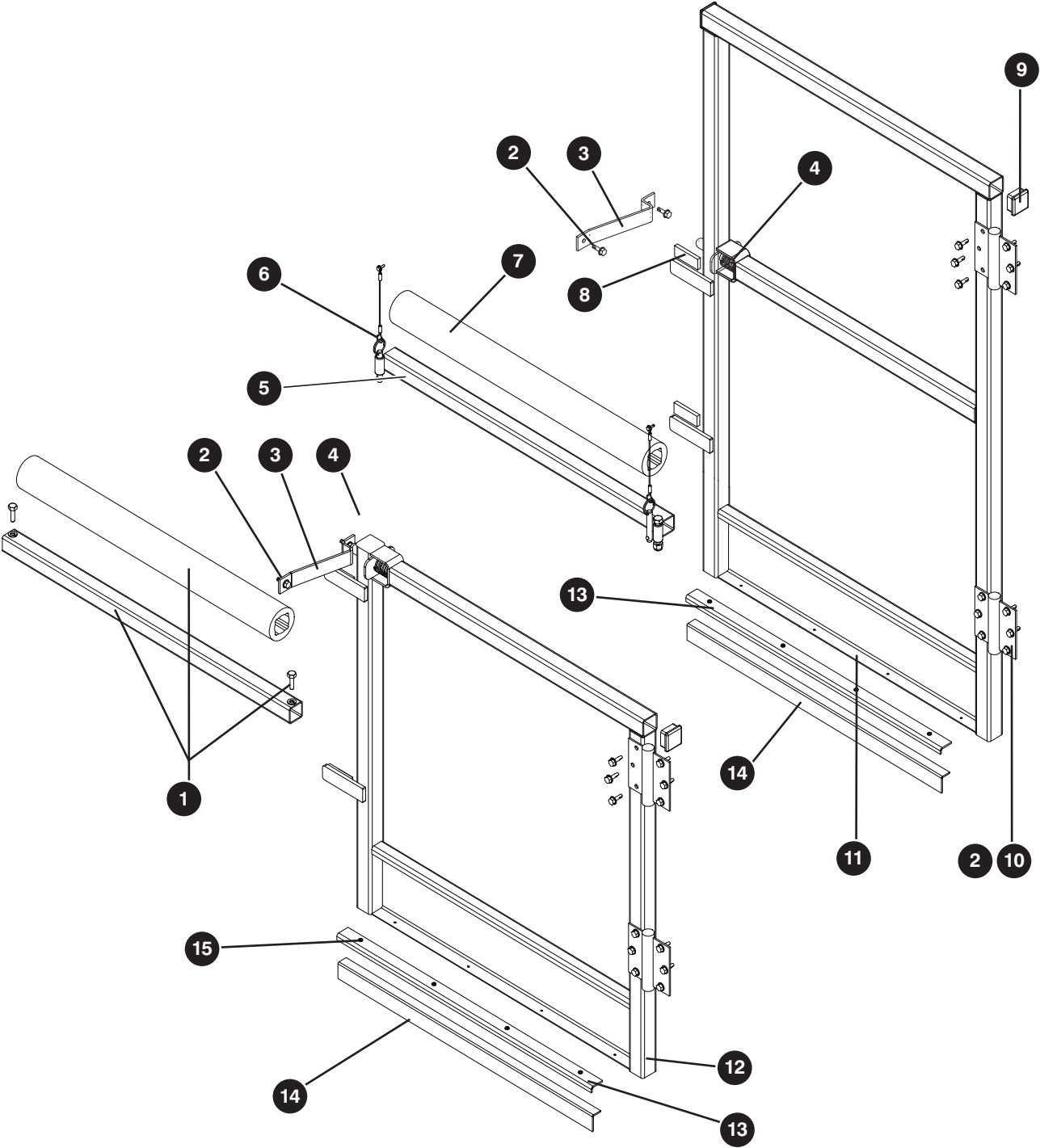
USE ONLY SKYJACK AUTHORIZED REPLACEMENT PARTS!

 **Notes**

Section 1 – Platform Related Parts



1.1 Entrance Gates

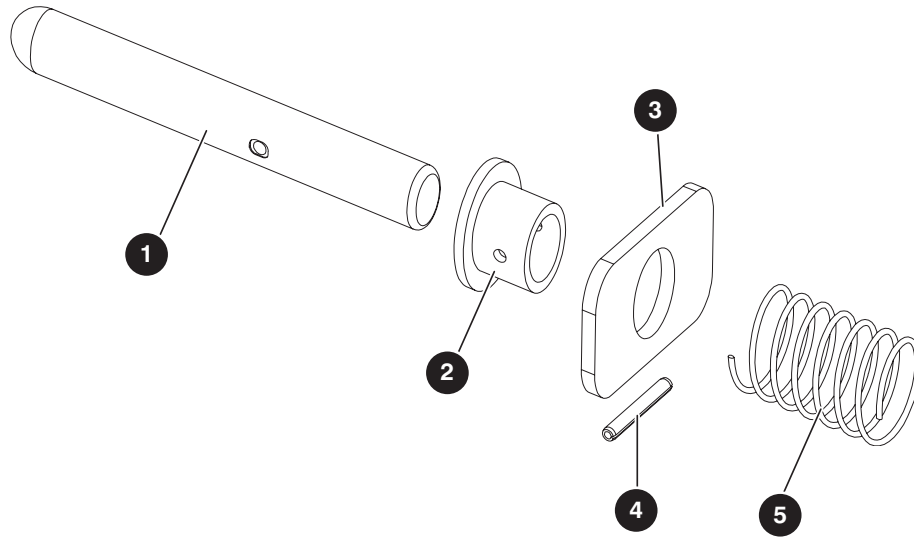


1.1 Entrance Gates

Index No.	Skyjack Part No.	Qty.	Description
1	127944	1	FIXED UPPER RAIL ASSEMBLY
	106520	1	• TUBE, Top rail
	127943	1	• PADDING, Entry rail
	103864	2	• BOLT, Hex head (5/16"-18 x 1", Gr. 5)
	103404	2	• WASHER, Lock (5/16")
2	112329	14	SCREW, Self tapping (1/4"-14 x 3/4")
3	125526	1	GATE STOP
4	(Ref.)	-	GATE LATCH ASSEMBLY (For components, refer to Section 1.2 Gate Latch Assembly)
5	(Ref.)	1	UPPER HINGED RAIL ASSEMBLY
	127946	1	• BAR, Rear cross
	103872	1	• BOLT, Hex head (3/8"-16 x 2.25", Gr. 5)
	104606	1	• NUT, Hex nylon lock (3/8"-16)
6	(Ref.)	-	• QUICK RELEASE SMALL LOOP PIN ASSEMBLY (For components, refer to Section 1.6 Quick Release Pins)
7	127943	1	• PADDING, Entry rail
8	125577	2	PAD, Adhesive rubber foam
9	100702	2	PLUG, Tube
10	209527	2	HINGE, Spring
11	127965	1	GATE, Solid full
12	127959	1	GATE, Half
13	119943	1	CLAMP, Aluminum door sweep
14	119941	1	STRIP, Door sweep rubber
15	119945	4	RIVET, Pop wide head

 **Notes**

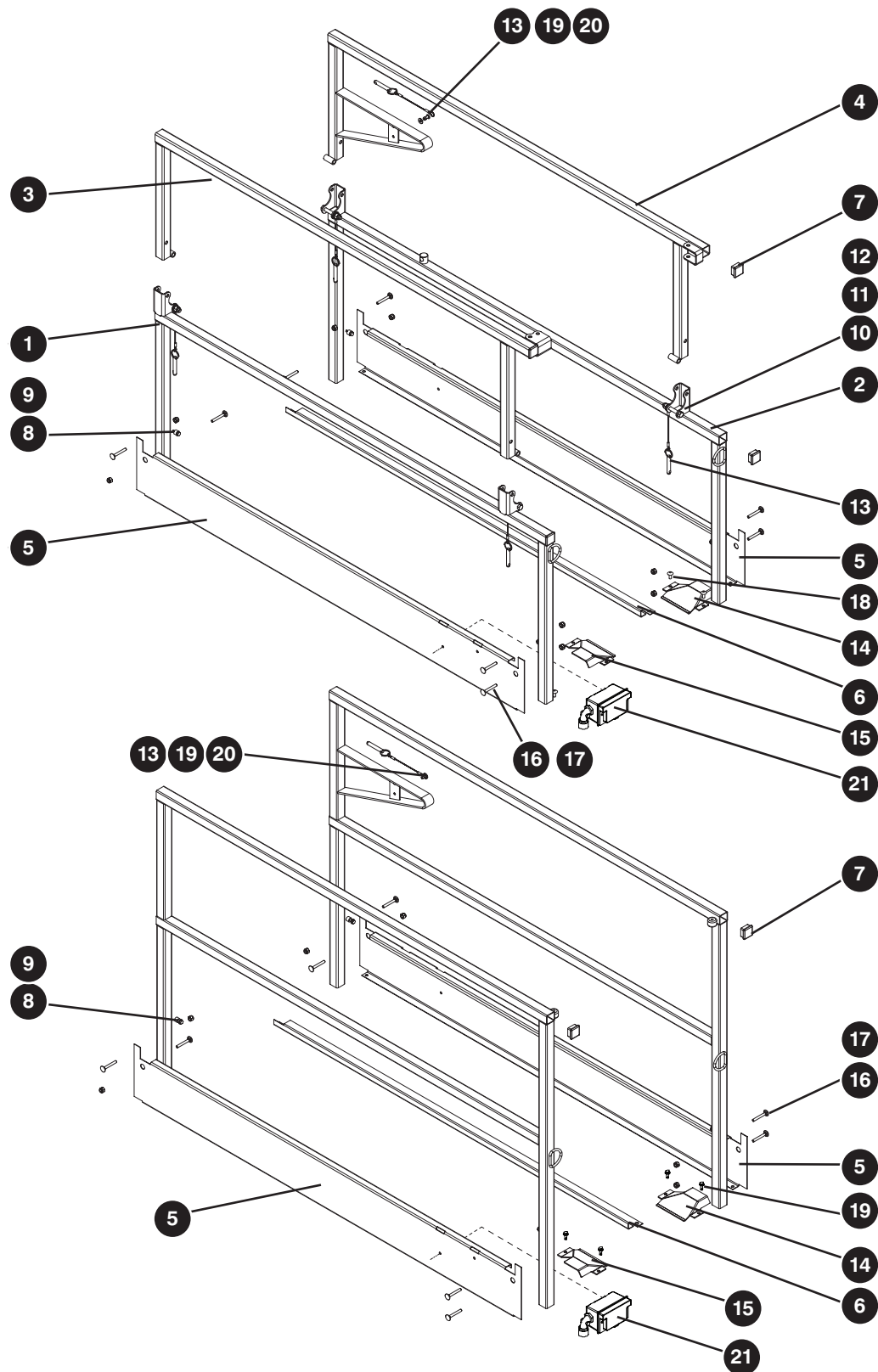
1.2 Gate Latch Assembly



M10160AA

Index No.	Skyjack Part No.	Qty.	Description
-	110824	-	GATE LATCH ASSEMBLY
1	109377	1	• PIN, Latch
2	105312	1	• GUIDE, Nylon spring
3	105307	1	• PLATE, Gate latch release
4	100950	1	• PIN, Roll (1/8" x 1")
5	103107	1	• SPRING, Compression

1.3 Side Railing Assembly



127446AI_127456AK

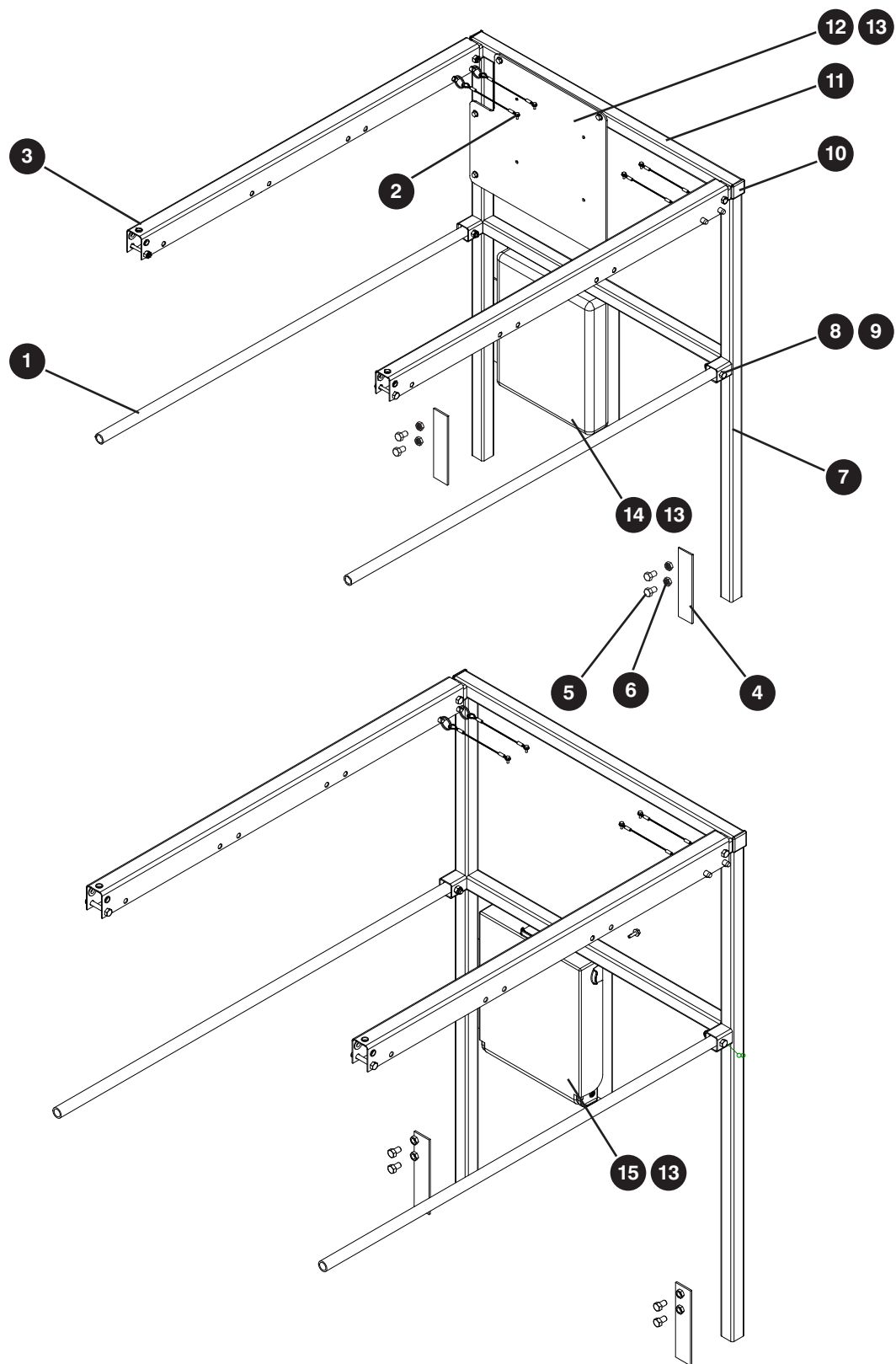
165969AL

SJIII 3215 SJIII 3219

1.3 Side Railing Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	127456	-	RAILING ASSEMBLY - HINGED
B	127446	-	RAILING ASSEMBLY - RIGID
1	127471	1	• RAILING, Side bottom (Left hand), A
	127447	1	• RAILING, Rigid (Left hand), B
2	127472	1	• RAILING, Side bottom (Right hand), A
	127448	1	• RAILING, Rigid (Right hand), B
3	127473	1	• RAILING, Upper (Left hand), A
4	127474	1	• RAILING, Upper (Right hand), A
5	127450	2	• KICK PLATE, Universal
6	127451	1	• GUARD, Cable
7	100702	4	• END CAP, Plastic, A
	100702	2	• END CAP, Plastic, B
8	125580	4	• SPACER, Railing retainer
9	103632	4	• SCREW, Self tapping (1/4"-14 x 3/4")
10	103873	4	• BOLT, Hex head (3/8"-16 x 2.5", Gr. 5)
11	103472	8	• WASHER, Flat (3/8" SAE)
12	104606	4	• NUT, Hex lock (3/8"-16, Grade B)
13	(Ref.)	5	• QUICK RELEASE LARGE LOOP PIN ASSEMBLY, A
		1	• QUICK RELEASE LARGE LOOP PIN ASSEMBLY, B
			(For components, refer to Section 1.6 Quick Release Pins)
14	125494	1	• PLATE, Cable guard cover (Right hand)
15	125495	1	• PLATE, Cable guard cover (Left hand)
16	127437	8	• BOLT, Carriage (5/16"-18 x 2", Gr. 5)
17	103984	8	• NUT, Hex nylon lock (5/16"-18, Gr. 5)
18	132042	4	• RIVET, Pop (1/4" diameter x 5/8")
19	139641	1	• RIVET, Pop (1/4" diameter x 0.615") (If equipped)
20	103995	1	• WASHER, Flat (1/4") (If equipped)
21	(Ref.)	-	PLATFORM AC OUTLET ASSEMBLY
			(For components, refer to Section 1.13 Platform AC Outlet Assembly)

1.4 Extension Platform Railing Assembly



M149762AF

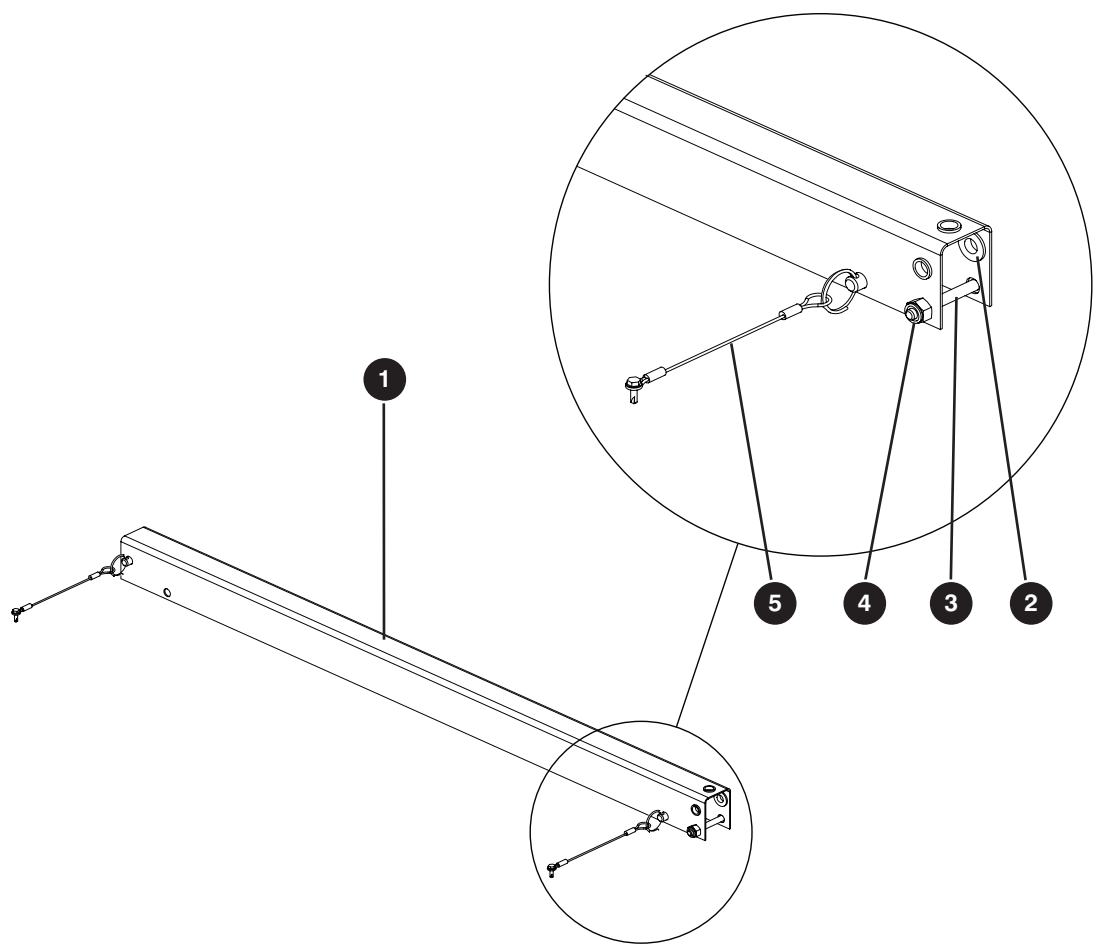
165969AL

SJIII 3215 SJIII 3219

1.4 Extension Platform Railing Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	149763	-	RAILING ASSEMBLY, EXTENSION PLATFORM (Hinged)
B	149762	-	RAILING ASSEMBLY, EXTENSION PLATFORM (Solid)
1	103796	2	MIDRAIL, Extension platform
2	(Ref.)	-	QUICK RELEASE LARGE OR SMALL LOOP PIN ASSEMBLY (For components, refer to Section 1.6 Quick Release Pins)
3	(Ref.)	-	EXTENSION SLIDE RAILING (For components, refer to Section 1.5 Extension Slide Railing)
4	106950	2	PLATE, Extension platform rail retainer
5	138464	4	BOLT, Hex Head (3/8"-16 x 5/8" Gr. 5)
6	108575	4	NUT, Hex head jam (3/8"-16, Gr. 5)
7	149765	1	RAILING, Extension platform lower
8	103885	2	BOLT, Hex head
9	103984	2	NUT, Hex nylon lock (5/16"-18, Gr. 5)
10	100702	4	END CAP, Plastic, A
	100702	2	END CAP, Plastic, B
11	127481	1	RAILING, Extension platform upper, A
	149764	1	RAILING, Extension platform, B
12	160075	1	PLATE, Info/Warning/Manual box
13	103632	AR	SCREW, Hex head self tapping
14	-	1	• MANUAL BOX ASSEMBLY
	160075	1	• • PLATE, Info/Warning/Manual box
	117293	1	• • BOX, Manual
	112601	4	• • NUT, K-Lock (#10-32)
	104694	4	• • WASHER, Flat (#10)
	103962	4	• • SCREW, Round head machine (#10-32 x 1/2")
15	-	1	• MANUAL BOX ASSEMBLY
	160075	1	• • PLATE, Info/Warning/Manual box
	103962	8	• • SCREW, Hex head self tapping
	172358	1	• • MANUAL BOX, With Label
	(Ref.)	1	• • • LABEL (For components, refer to Section 8.4)
	198789	1	• • • MANUAL BOX
	130017	4	• • NUT, K-Lock (#10-32)
	104694	4	• • WASHER, Flat (#10)
	103962	4	• • SCREW, Round head machine (#10-32 x 1/2")
	114710	1	• • KEY, Ring - Skyjack

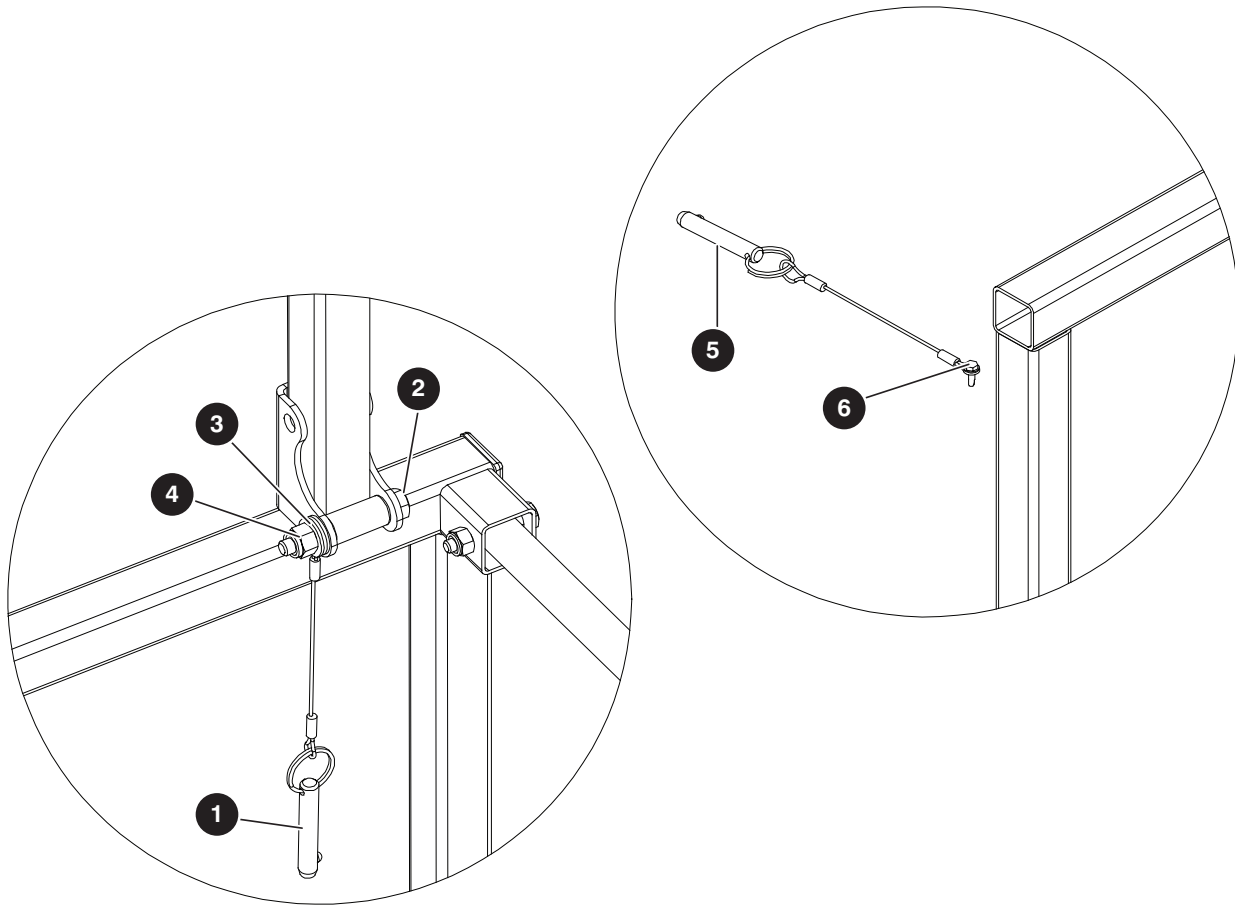
1.5 Extension Slide Railing



M10572AA_1

Index No.	Skyjack Part No.	Qty.	Description
A	125481	-	HANDRAIL ASSEMBLY (HINGED RAILS)
B	125666	-	HANDRAIL ASSEMBLY (SOLID RAILS)
1	125480	1	HANDRAIL, Extension
2	103550	3	PLUG, Handrail slide plug
3	103865	1	BOLT, Hex head (5/16"-18 x 2", Gr. 5), A
	103865	2	BOLT, Hex head (5/16"-18 x 2", Gr. 5), B
4	103984	1	NUT, Hex lock (5/16"-18, Grade B), A
	103984	2	NUT, Hex lock (5/16"-18, Grade B), B
5	(Ref.)	-	QUICK RELEASE LARGE OR SMALL LOOP PIN ASSEMBLY (For components, refer to Section 1.6 Quick Release Pins)

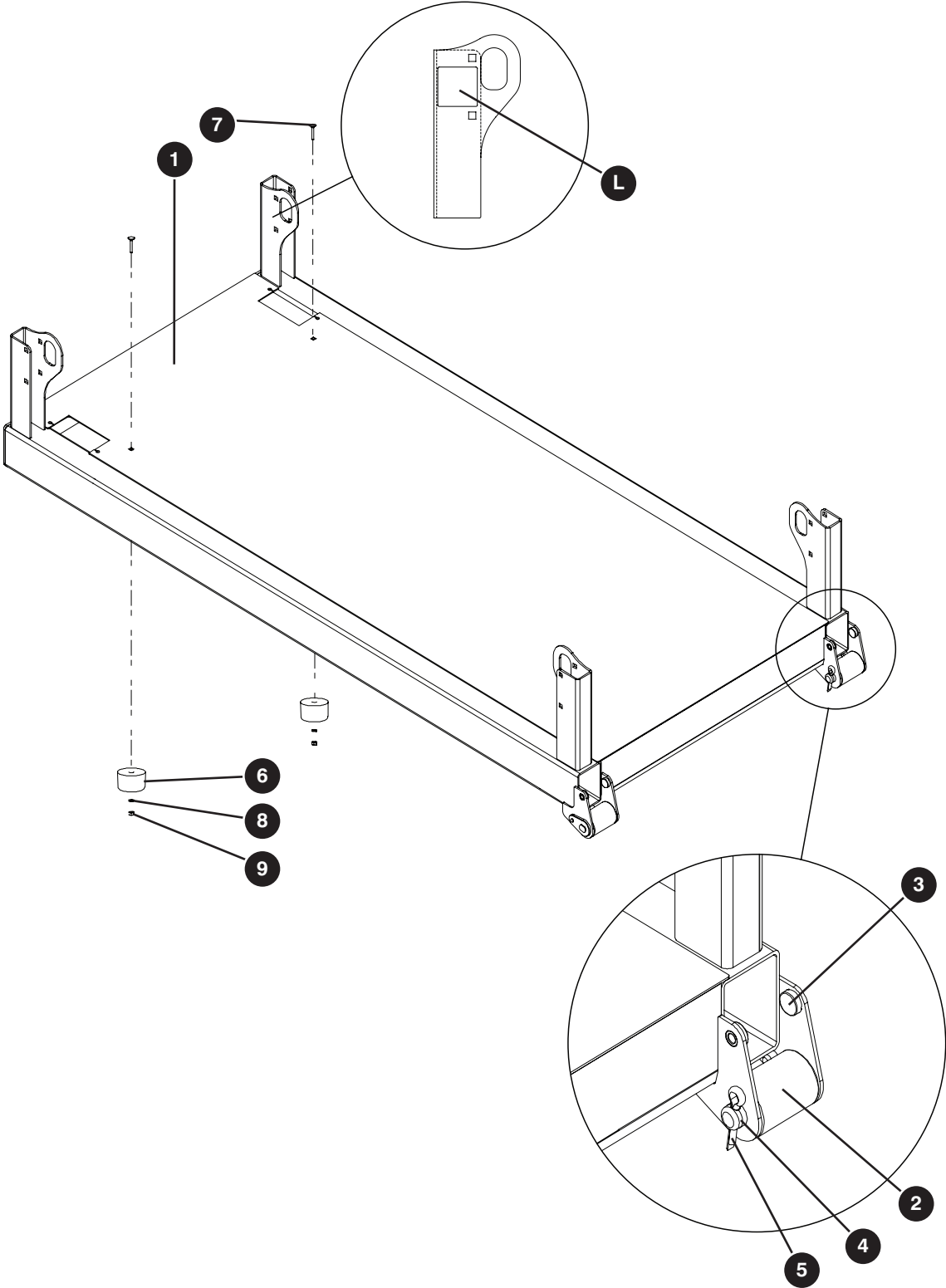
1.6 Quick Release Pins



M10168AA_2

Index No.	Skyjack Part No.	Qty.	Description
1	124548	AR	QUICK RELEASE LARGE LOOP PIN ASSEMBLY
	100509	1	• PIN, Quick release (3/8" diameter x 2")
	105807	1	• LANYARD, Plastic coated (6")
2	104606	1	NUT, Hex lock (3/8"-16, Grade B)
3	103472	2	WASHER, Flat (3/8" SAE)
4	103873	1	BOLT, Hex head (3/8"-16 x 2.5", Gr. 5)
5	124547	AR	QUICK RELEASE SMALL LOOP PIN ASSEMBLY
	100509	1	• PIN, Quick release (3/8" diameter x 2")
	105807	1	• LANYARD, Plastic coated (6")
6	112327	1	SCREW, Self tapping (#8-18 x 1/2")

1.7 Main Platform Assembly



M127366AB_1

165969AL

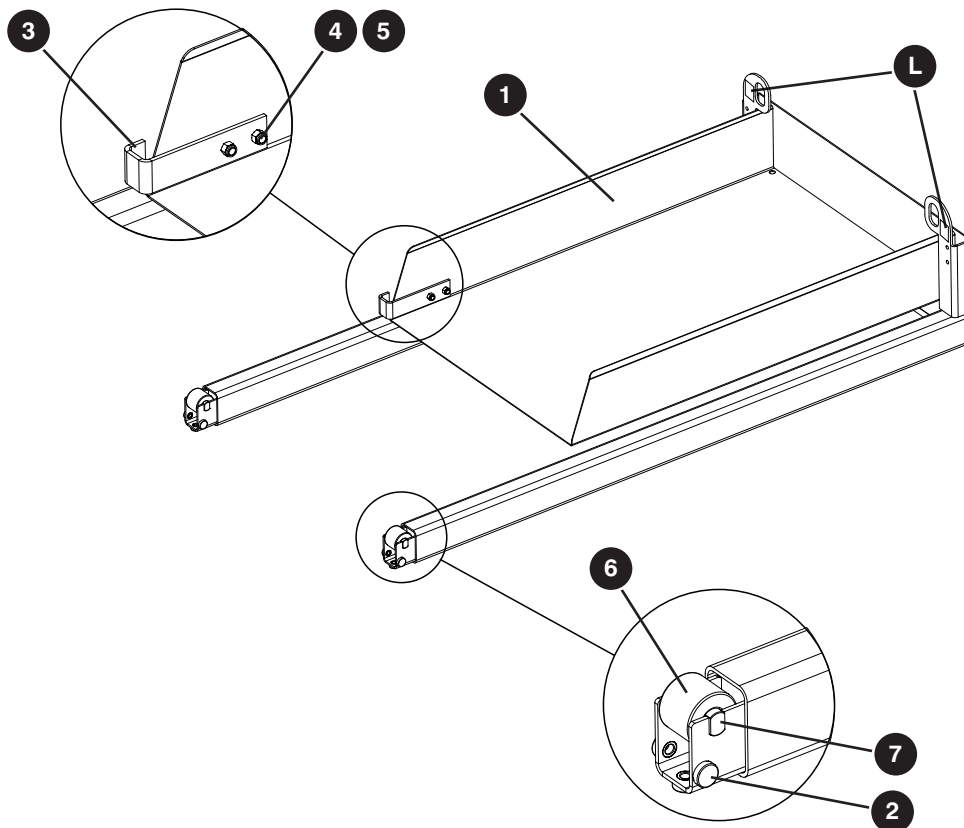
SJIII 3215 SJIII 3219

1.7 Main Platform Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	127440	1	PLATFORM ASSEMBLY
1	127366	1	• WELDMENT, Main platform
2	125455	2	• ROLLER, Wide
3	125433	4	• BUSHING, Slider
4	125422	2	• ROLL OUT PIN ASSEMBLY
5	121874	2	• PIN, Cotter (1/4" x 1.5")
-	136378	2	SOFT STOP ASSEMBLY
6	105395	1	• BUMPER, Scissor
7	134597	1	• BOLT, Carriage (1/4"-20 x 1.25", Gr. 5)
8	104000	1	• WASHER, Lock
9	103980	1	• NUT, Hex head (1/4"-20, Gr. 5)
L	130018	4	LABEL, Anchorage harness

 **Notes**

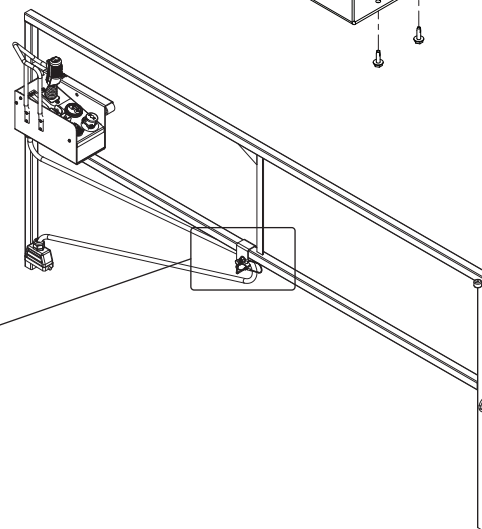
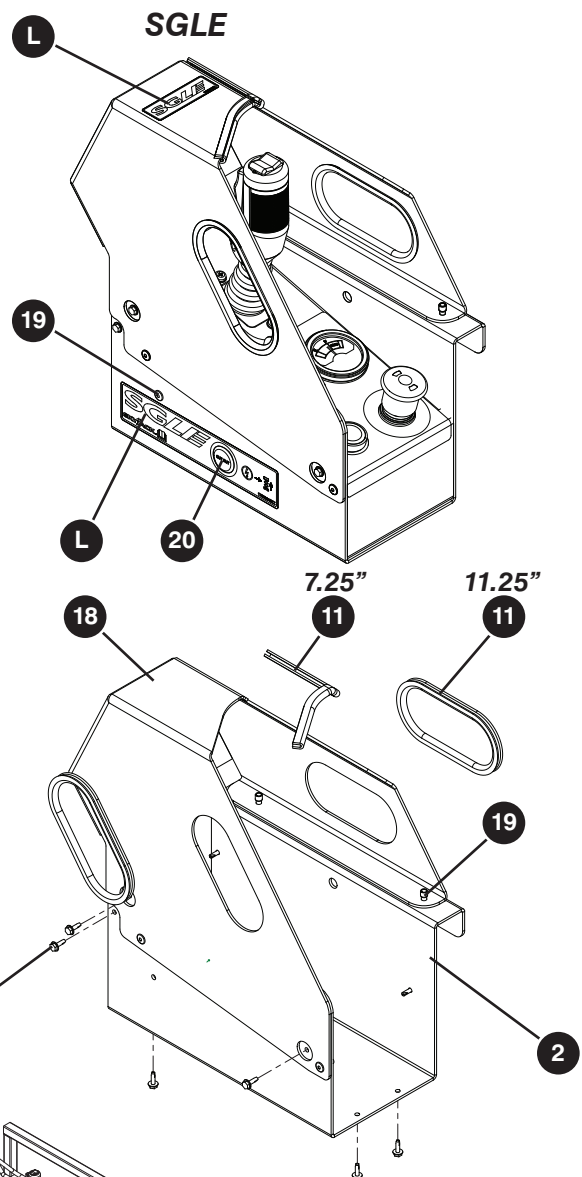
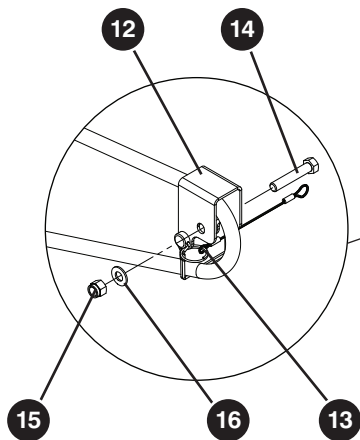
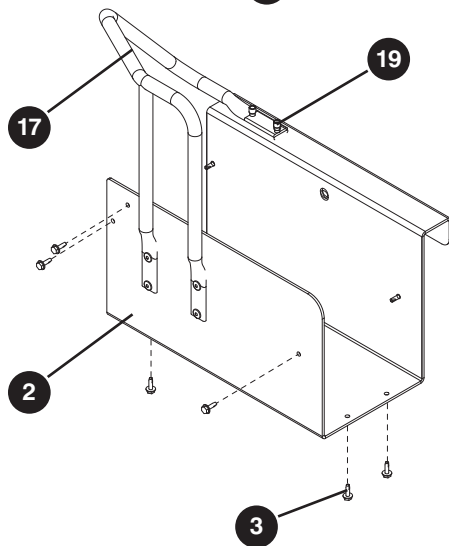
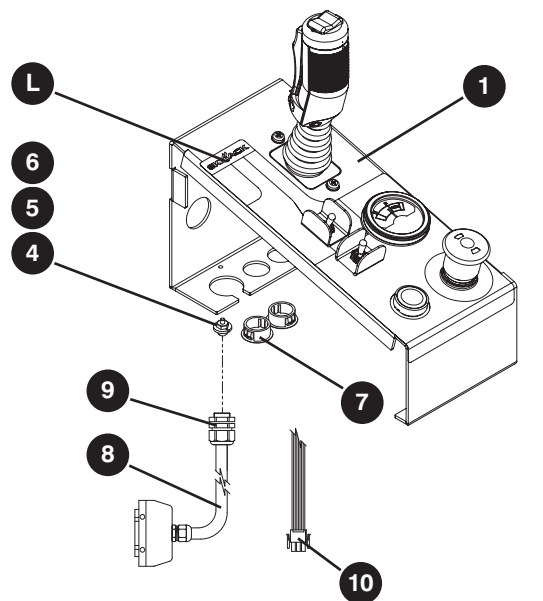
1.8 Extension Platform Assembly



M160516AB

Index No.	Skyjack Part No.	Qty.	Description
-	160516	1	EXTENSION PLATFORM ASSEMBLY
1	160515	1	• WELDMENT, Extension platform
2	125433	6	• BUSHING, Slider
3	121042	1	• STOP, Extension platform
4	300064	2	• SCREW, Hex head cap (5/16"-18 x 3/4")
5	103984	2	• NUT, Hex lock, nylon (5/16-18, Gr. 5)
6	125431	2	• ROLLER, Narrow,
7	160513	2	• PIN, Roll out
L	130018	2	LABEL, Anchorage harness

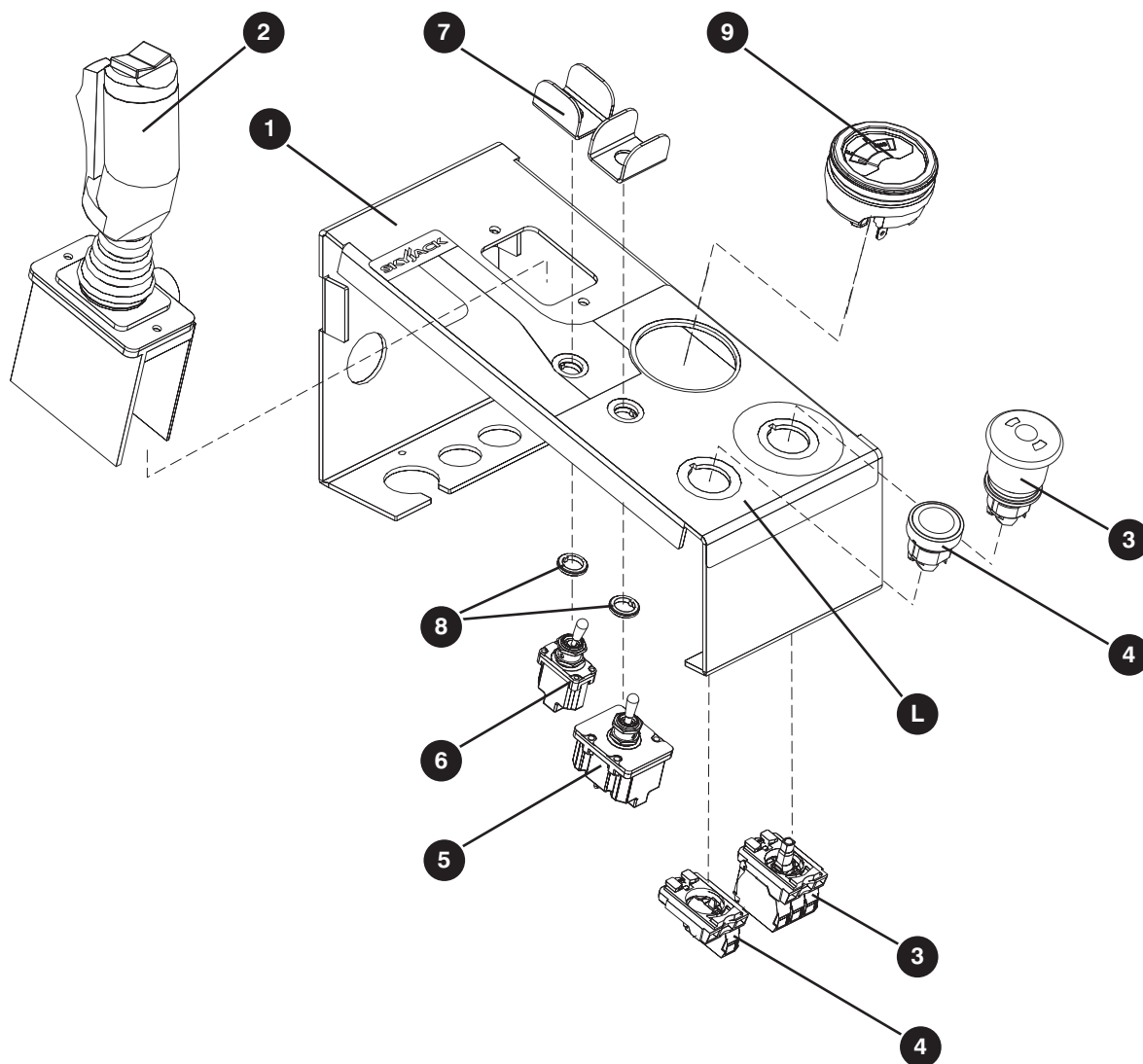
1.9 Platform Control Console Assembly



1.9 Platform Control Console Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	163167	-	CONTROL CONSOLE
B	163404	-	CONTROL CONSOLE (LONG CABLE)
C	163487	-	CONTROL CONSOLE, ALUMINUM GUARD
D	194322	-	CONTROL CONSOLE, ALUMINUM GUARD (LONG CABLE)
E	232553	-	CONTROL CONSOLE, ALUMINUM GUARD - SGLE
F	232552	-	CONTROL CONSOLE, ALUMINUM GUARD - SGLE (LONG CABLE)
1	(Ref.)	-	CONTROL CONSOLE (Top) (For components, refer to Section 1.10 Platform Control Box (Top))
2	160355	1	PLATE, Control Box Bottom, A, B
	147372	1	PLATE, Control Box Bottom, C, D, E, F
3	112327	9	SCREW, Hex head self tapping - #8-18 x 1/2"
4	103404	1	WASHER, Lock - 5/16"
5	103986	1	NUT, Hex head - #8-32
6	103957	1	SCREW, Round head machine - #8-32 x 1/2"
7	102956	2	PLUG, 7/8" hole
8	(Ref.)	1	LONG CONTROL CABLE (Motor Controller) (For components, refer to Section 1.12 Control Cable Assemblies)
9	300788	1	STRAIN RELIEF
10	116993	1	HOUSING, Male connector (9 pin) (to controller harness)
11	194731	30"	EE MOLDING, Control Box, C, D
12	158209	1	CLAMP, Control cable railing, B, D, F
13	213139	1	QUICK RELEASE PIN, Large Loop, B, D, F
	160265	1	• PIN, Wire Lock
	160320	1	• RING, Lanyard
	105807	1	• LANYARD, 6"
14	103596	1	BOLT, Hex head - 3/8"-16 x 2", Gr. 5, B, D, F
15	104606	1	NUT, Hex nylon lock - 3/8"-16, Gr. 5, B, D, F
16	103472	1	WASHER, Flat - 3/8", B, D, F
17	160262	1	TUBE, Control Box, A, B
18	161240	1	GUARD, Control Box, C, D, E, F
19	157759	AR	RIVET, Pop - 0.188" x 0.565" STL SM FLG DM HD O-END
20	220498	1	PUSHBUTTON, SGLE, E, F
21	220559	1	INSTRUCTIONS, SGLE Install (Not shown), E, F
L	(Ref.)	1	LABELS (For components, refer to Section 8.1)

1.10 Platform Control Box (Top)



M163168AA

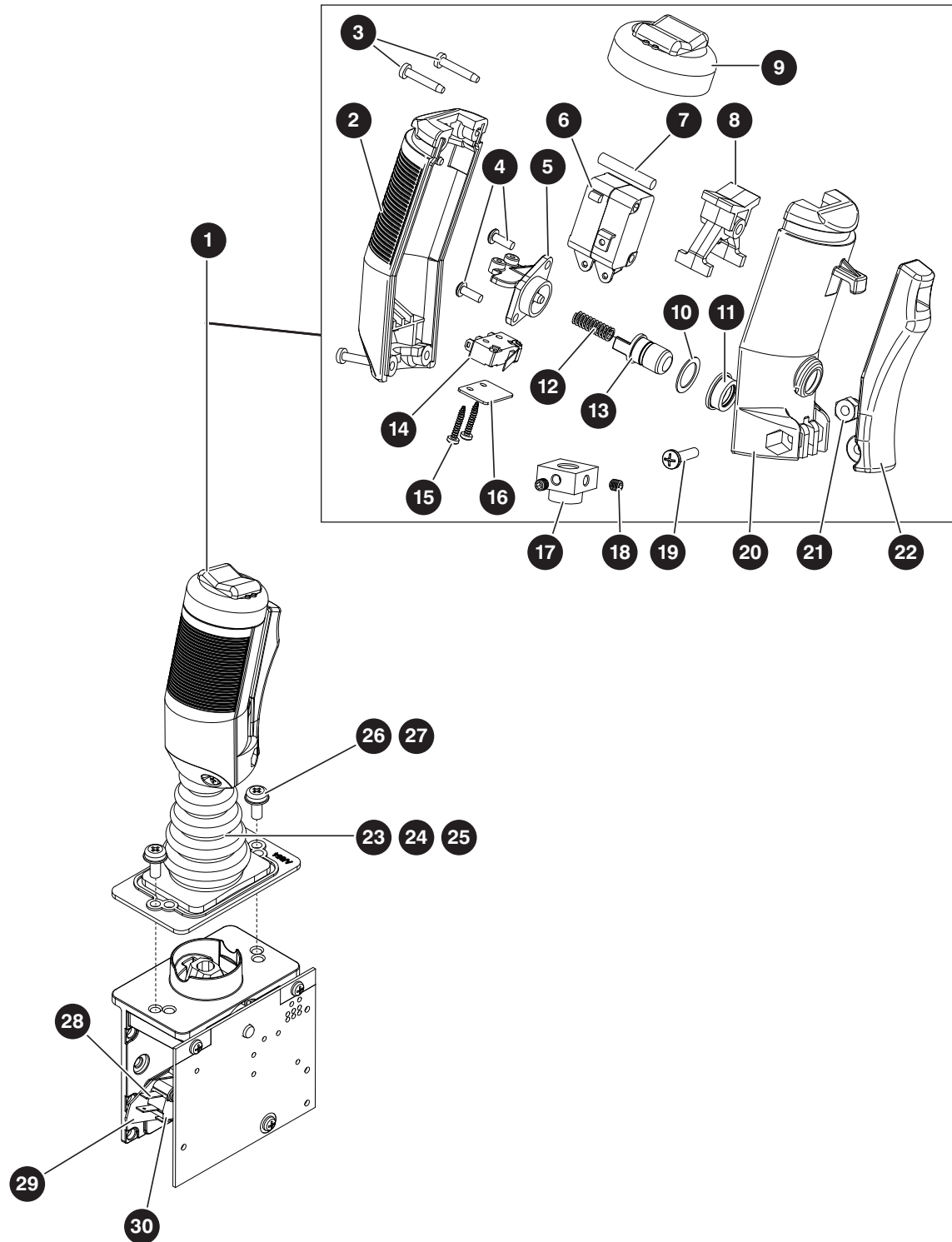
165969AL

SJIII 3215 SJIII 3219

1.10 Platform Control Box (Top)

Index No.	Skyjack Part No.	Qty.	Description
-	163168	-	CONTROL CONSOLE (TOP)
1	156923	1	• CONTROL CONSOLE (Top)
2	(Ref.)	-	• ENABLE CONTROLLER ASSEMBLY (For components, refer to Section 1.11 Enable Controller Assembly)
3	194729	-	• ASSEMBLY, Switch - Emergency stop
	147051	1	• • HEAD, Emergency stop switch
	147056	1	• • LATCH
	147053	2	• • BLOCK, N.C. contact
	147061	1	• • LED BLOCK, 24V (red)
4	144648	-	• SWITCH ASSEMBLY, Horn
	147058	1	• • HEAD, Pushbutton
	147056	1	• • LATCH
	147054	1	• • BLOCK, N.O. contact
5	116382	1	• SWITCH, Toggle (4NT1-1)
6	115574	1	• SWITCH, Toggle (1NT1-2)
7	111181	2	• GUARD, Toggle switch
8	144016	2	• SEAL, Panel bushing
9	122093	1	• INDICATOR, Battery charge
L	(Ref.)	1	LABEL, Platform control console (For components, refer to Section 8.2 Labels - Platform Control Console)

1.11 Enable Controller Assembly



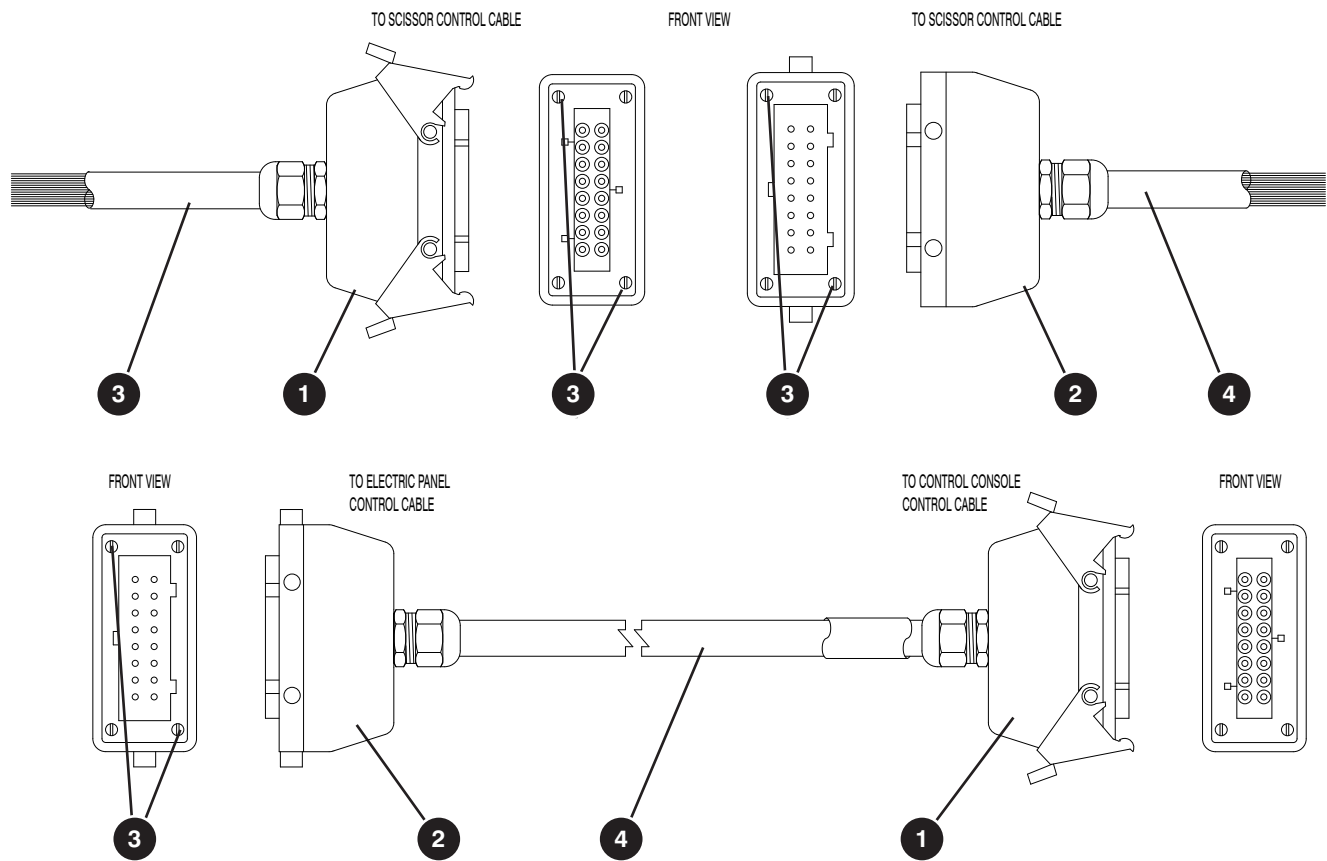
1.11 Enable Controller Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	159111	1	CONTROLLER ASSEMBLY
1	159055	1	• HANDLE ASSEMBLY
2	159057	1	• • HANDLE, Front half
3	122879	4	• • SCREW, Controller handle
4	159065	2	• • SCREW, Plastite (#4-20 x 5/16")
5	159060	1	• • HOLDER, Micro switch
6	159613	1	• • ROCKER MICRO ASSEMBLY
7	141341	1	• • AXLE, Rocker
8	154717	1	• • ROCKER
9	122874	1	• • BOOT, Rocker
10	159063	1	• • WASHER
11	159062	1	• • BOOT, Plunger switch
12	159064	1	• • SPRING
13	159061	1	• • SWITCH, Plunger
14	159067	1	• • SWITCH, Lever micro
15	159066	2	• • SCREW, Plastite (#2-28 x 1/2")
16	159068	1	• • INSULATOR, Micro
17	122961	1	• • COUPLING (8mm)
18	122960	2	• • SCREW, Set
19	154718	1	• • SCREW (#6-32 x 5/8")
20	159058	1	• • HANDLE, Back half
21	122964	1	• • NUT, Controller lever
22	159059	1	• • LEVER, Trigger
23	127179	1	• BOOT & GASKET
24	159615	1	• WASHER
25	159616	1	• E-CLIP
26	122846	1	• SCREW
27	122847	1	• WASHER
28	147313	1	• SCREW
29	159618	1	• MICROINSULATOR
30	122869	1	• SWITCH, Micro

1.12 Control Cable Assemblies

Electric Panel Control Cable

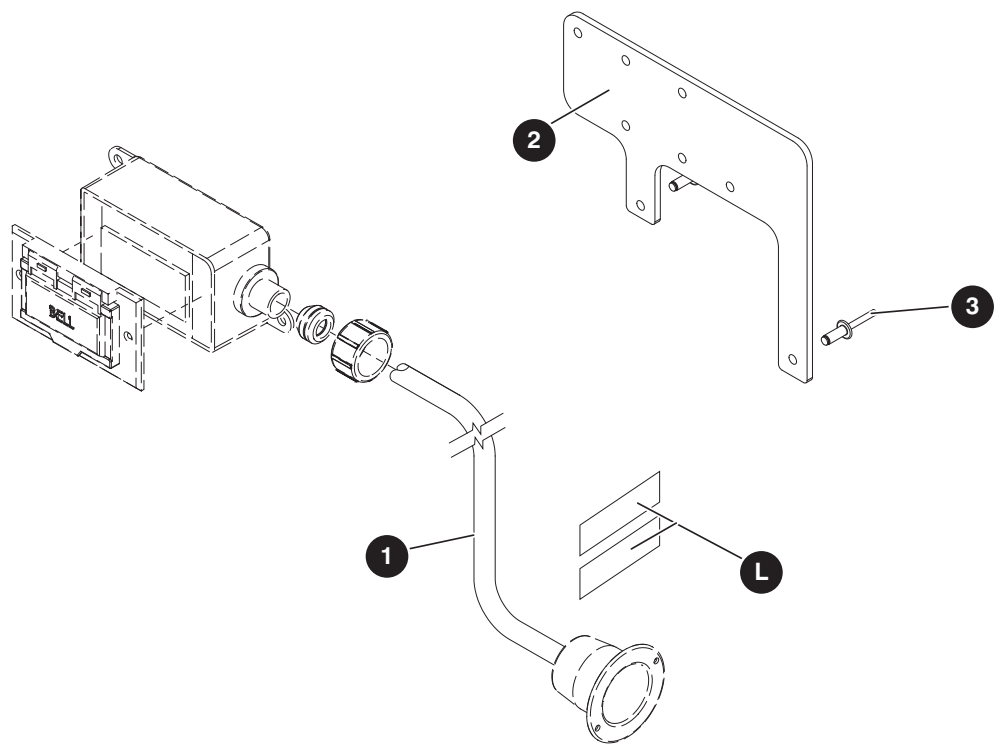
Platform Control Cable



1.12 Control Cable Assemblies

Index No.	Skyjack Part No.	Qty.	Description
A	163170	-	PLATFORM CONTROL CABLE ASSEMBLY (Motor Controller)
B	163456	-	SCISSOR ARM CONTROL CABLE ASSEMBLY (Model SJIII 3219)
C	163453	-	SCISSOR ARM CONTROL CABLE ASSEMBLY (Model SJIII 3215)
D	166955	-	ELECTRIC PANEL CONTROL CABLE ASSEMBLY
E	163403	-	LONG CONTROL CABLE ASSEMBLY (Motor Controller)
1	163172	1	CONNECTOR, Male (16 pin - Double hinge)
	163396	1	• HOUSING, Female
	103574	1	• INSERT, Male
2	163171	1	CONNECTOR, Female (16 pin - Double hinge)
	163173	1	• HOUSING, Male
	103573	1	• INSERT, Female
3	119727	2	PIN, Code, A, D
		4	PIN, Code, B, C
4	102887	37"	CABTIRE (16/15), A
		328"	CABTIRE (16/15), B
		283"	CABTIRE (16/15), C
		71"	CABTIRE (16/15), D
		73"	CABTIRE (16/15), E

1.13 Platform AC Outlet Assembly

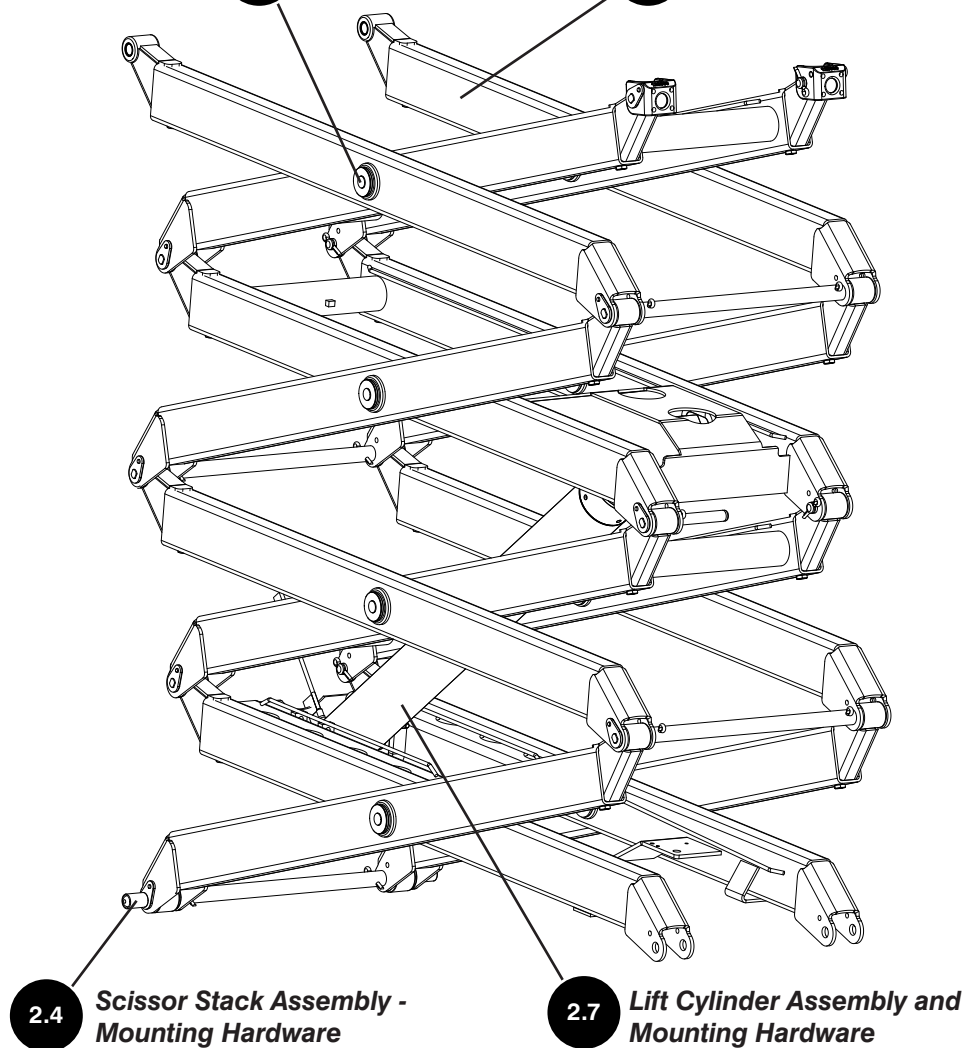


M11121AE_1

Index No.	Skyjack Part No.	Qty.	Description
A	-	-	PLATFORM AC OUTLET, 110/220 Volt (Model SJIII 3215)
B	-	-	PLATFORM AC OUTLET, 110/220 Volt (Model SJIII 3219)
1	167550	319"	CORD (14/3), A
	167551	367"	CORD (14/3), B
2	196224	1	PLATE, Outlet Box Support (If equipped)
3	139641	2	RIVET, Pop (1/4" diameter x 0.615")
L	(Ref.)	-	LABELS (For components, refer to Section 8.1 Label Kit)

Section 2 – Scissor Related Parts

Scissor Stack Assembly - Connecting Hardware **2.5** **2.1 Scissor Stack Assembly**

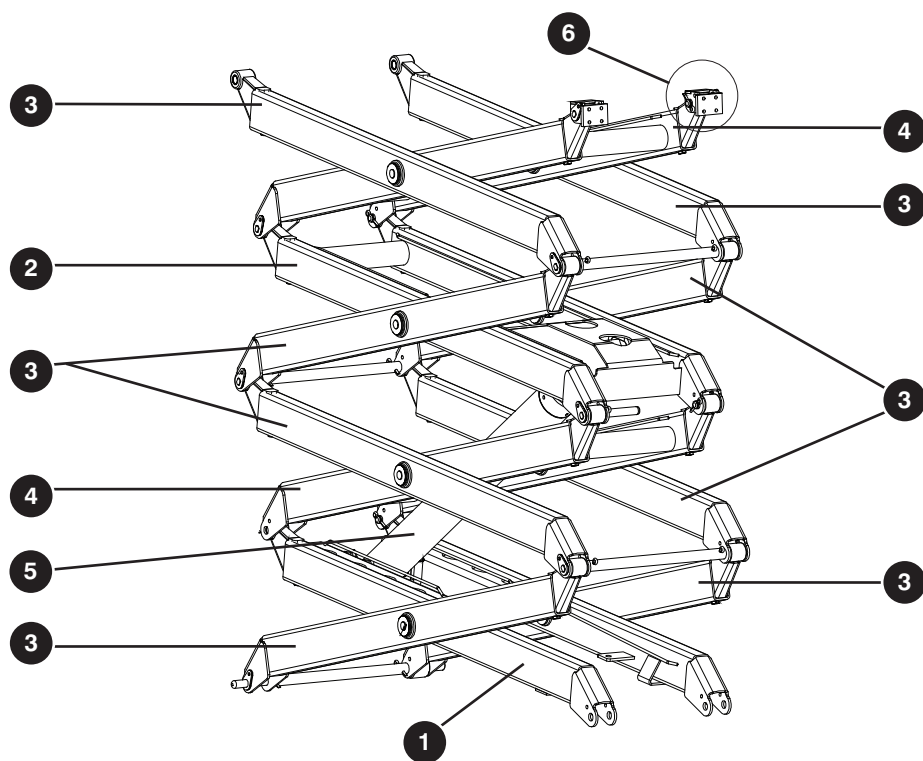


2.2 Scissor Stack Assembly - Accessories and Hardware

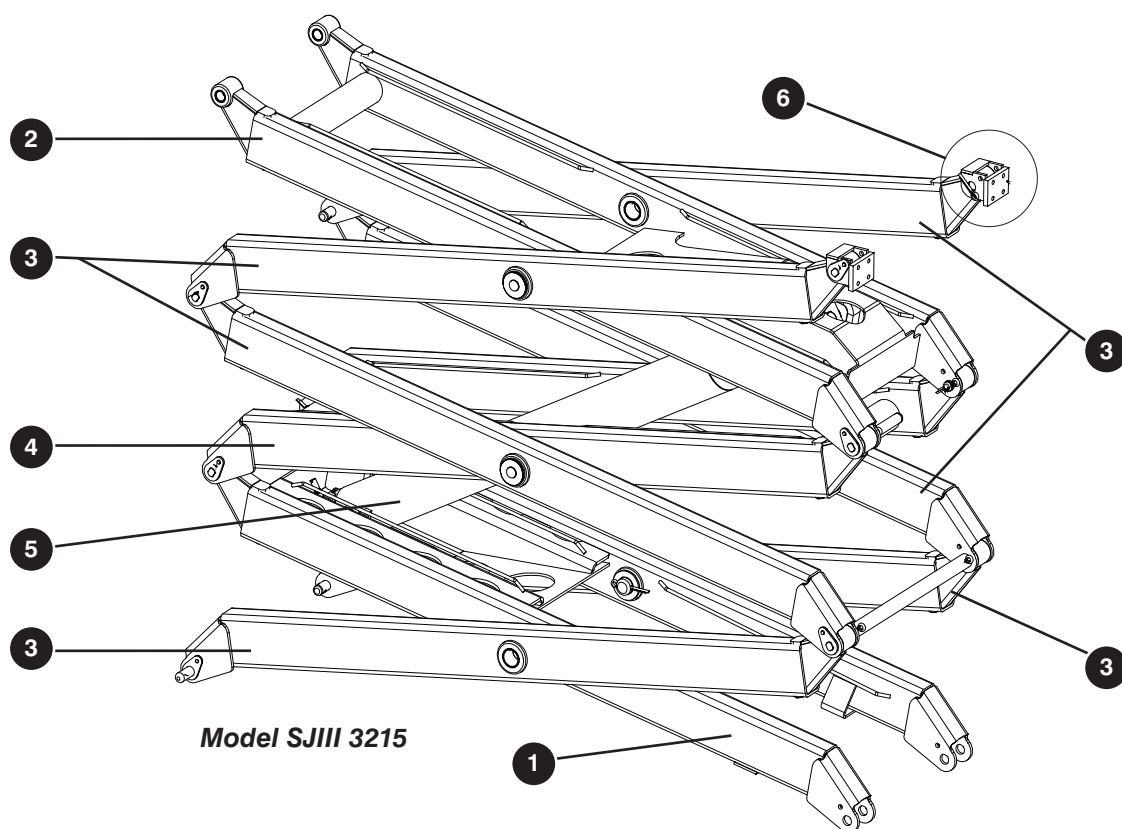
2.3 Beeper, Light and Transducer Assembly

2.6 Scissor Arm Limit Switch Assemblies

2.1 Scissor Stack Assembly



Model SJIII 3219

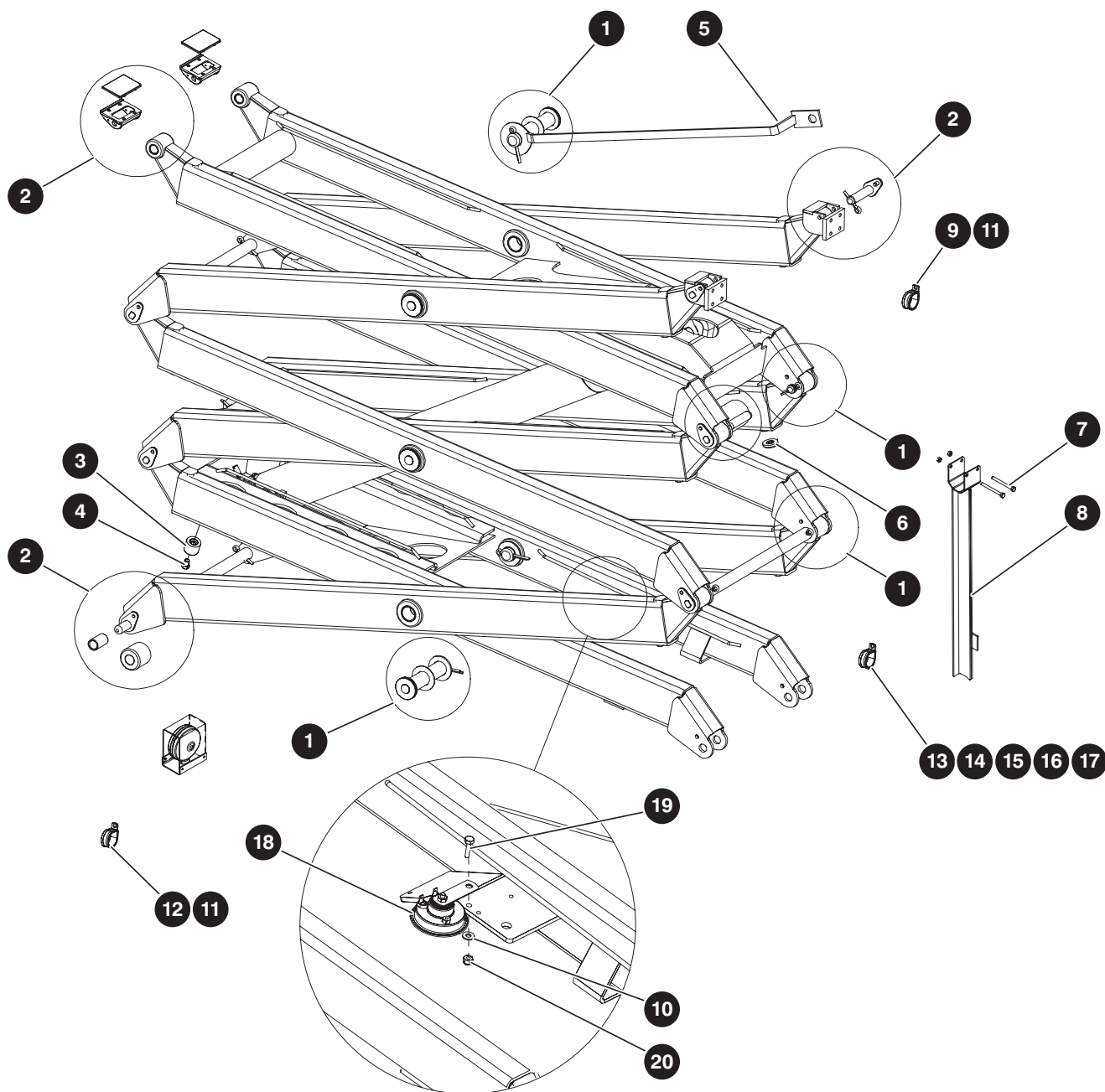


Model SJIII 3215

2.1 Scissor Stack Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	130565	-	SCISSOR STACK ASSEMBLY (Model SJIII 3215)
B	130566	-	SCISSOR STACK ASSEMBLY (Model SJIII 3219)
1	230215	1	SCISSOR LEVEL, Inside cylinder bottom
2	230214	1	SCISSOR LEVEL, Inside cylinder top
3	127563	6	SCISSOR ARMS, Outside, A
	127563	8	SCISSOR ARMS, Outside, B
4	230216	1	SCISSOR LEVEL, Inside, A
	230216	2	SCISSOR LEVEL, Inside, B
5	(Ref.)	-	LIFT CYLINDER ASSEMBLY AND MOUNTING HARDWARE (For components, refer to Section 2.7 Lift Cylinder Assembly and Mounting Hardware)
6	(Ref.)	-	SCISSOR STACK ASSEMBLY - ACCESSORIES AND HARDWARE (For components, refer to Section 2.2 Scissor Stack Assembly - Accessories and Hardware)

2.2 Scissor Stack Assembly - Accessories and Hardware

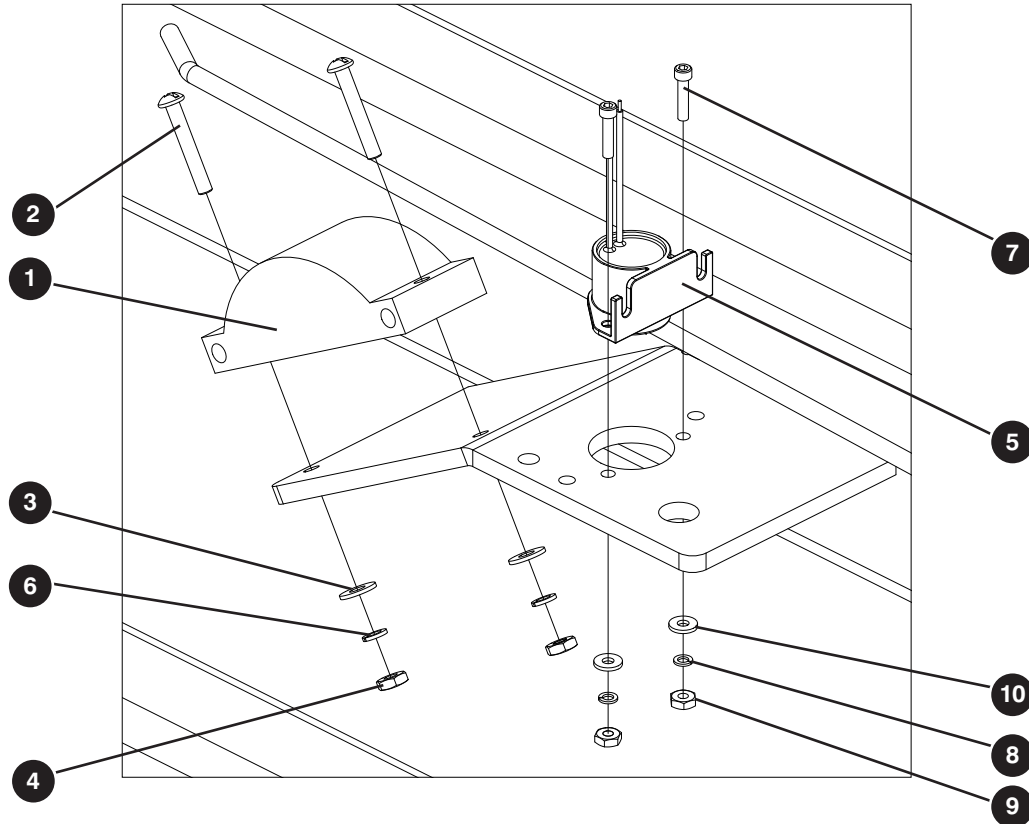


2.2 Scissor Stack Assembly - Accessories and Hardware

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	SCISSOR PINS, Bushings and connecting hardware (For components, refer to Section 2.5 Scissor Stack Assembly - Connecting Hardware)
2	(Ref.)	-	SCISSOR STACK ASSEMBLY - MOUNTING HARDWARE (For components, refer to Section 2.4 Scissor Stack Assembly - Mounting Hardware)
3	127802	4	BUMPER, Rubber
4	123713	4	BOLT, Hex head (M12 x 1.25 x 16mm)
5	127779	1	WELDMENT, Cable carrier
6	127774	AR	BUMPER, Scissor arm
7	122006	2	BOLT, Hex head (5/16"-18, Grade B)
	103984	2	NUT, Hex head (5/16"-18, Grade B)
8	127775	1	WELDMENT, Maintenance support
9	103078	2	CLIP, Double (G10)
10	103995	3	WASHER, Flat (1/4")
11	122501	3	SCREW, Machine (3/8-16" x 5/8")
12	168099	1	CLAMP, Loop Cushion Double
13	124445	9	CLIP, Double (S4770G6-1)
14	103962	9	BOLT, Machine (#10-32 X 1/2")
15	104694	9	WASHER, Flat (#10 SAE)
16	104185	9	WASHER, Lock (#10)
17	104003	9	NUT, Machine (#10-32)
18	146649	1	HORN, Low tone (24V)
19	103857	1	BOLT, Hex head (1/4"-20 x 1", Gr. 5)
20	115649	1	NUT, Hex nylon lock (1/4"-20, Gr. 5)

 **Notes**

2.3 Beeper, Light and Transducer Assembly

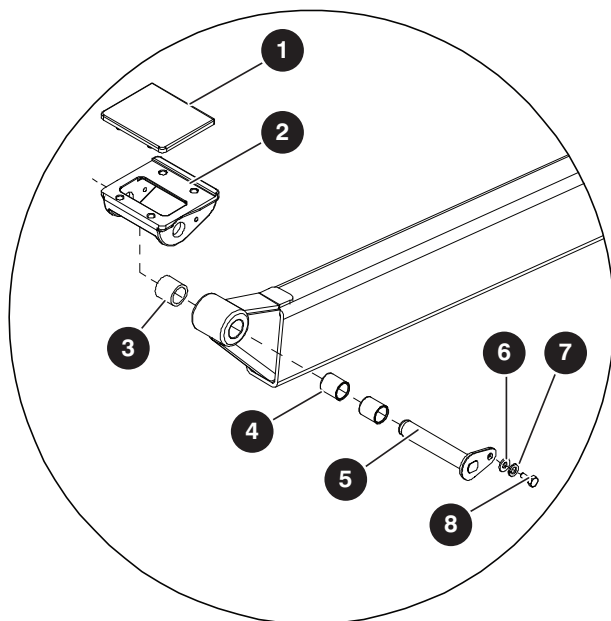


M130466AD

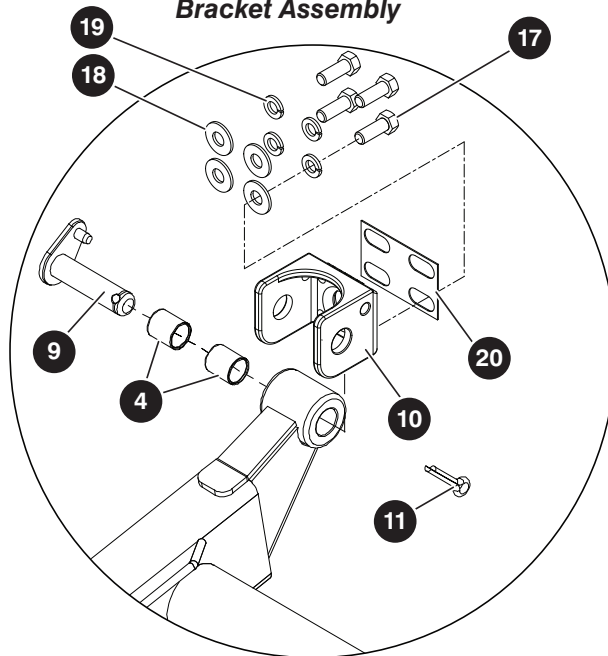
Index No.	Skyjack Part No.	Qty.	Description
-	130466	1	TRANSDUCER/LIGHT/BEEPER ASSEMBLY
1	130440	1	TRANSDUCER, Angle
2	103961	2	SCREW, Machine (#10-24 x 1.25")
3	104694	2	WASHER, Flat (#10)
4	103987	2	NUT, Hex Hd (#10-24)
5	170620	1	BEEPER, Alarm (24 Volt)
6	104185	2	WASHER, Lock (#10)
7	196439	2	SCREW, Socket Hd Cap (6-32 x 5/8")
8	106099	2	WASHER, Lock (#6)
9	103985	2	NUT, Hex (6-32)
10	191833	2	WASHER, Flat (#6)

2.4 Scissor Stack Assembly - Mounting Hardware

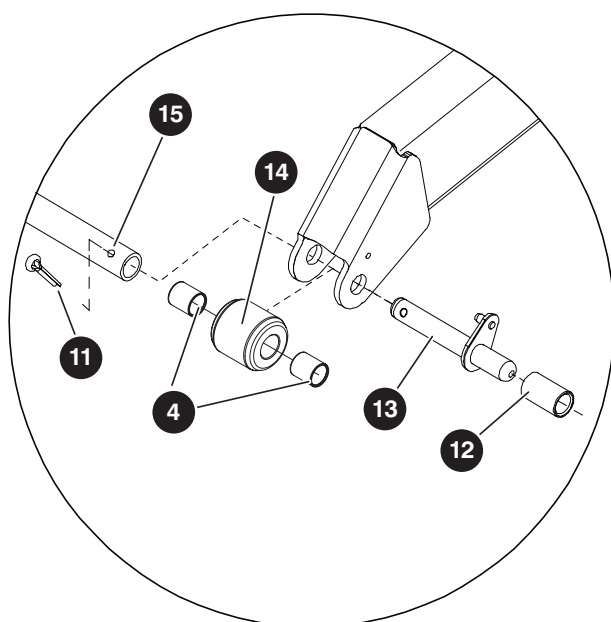
Top Slider Assembly



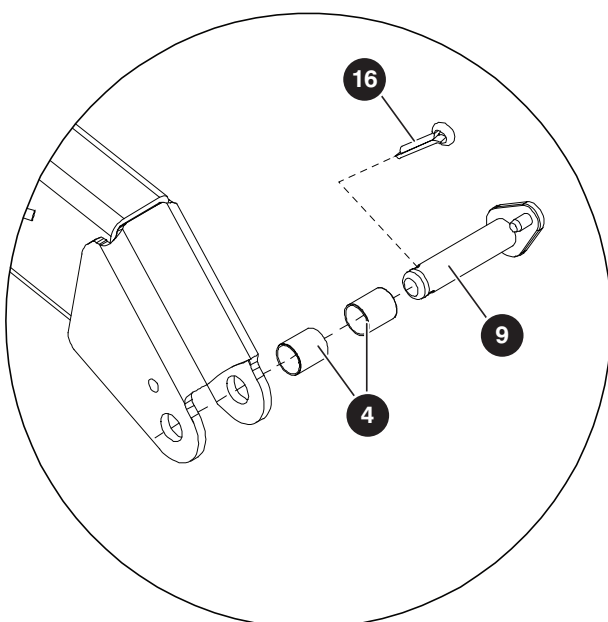
Platform Mounting Bracket Assembly



Bottom Slider Assembly



Bottom End Pin Assembly

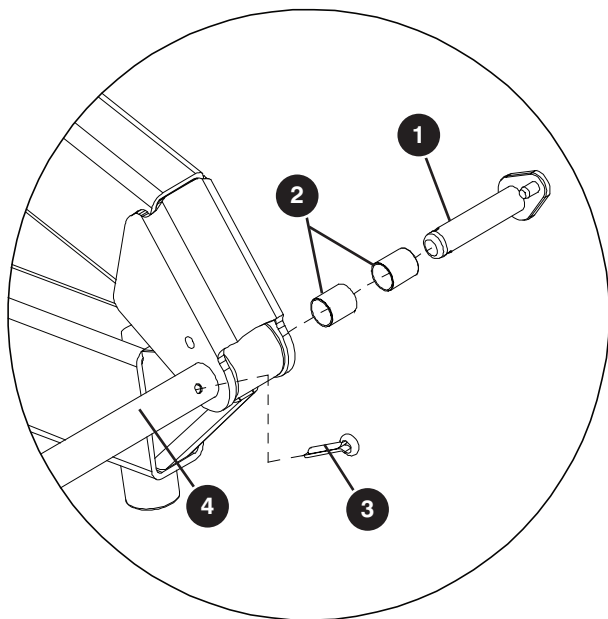


2.4 Scissor Stack Assembly - Mounting Hardware

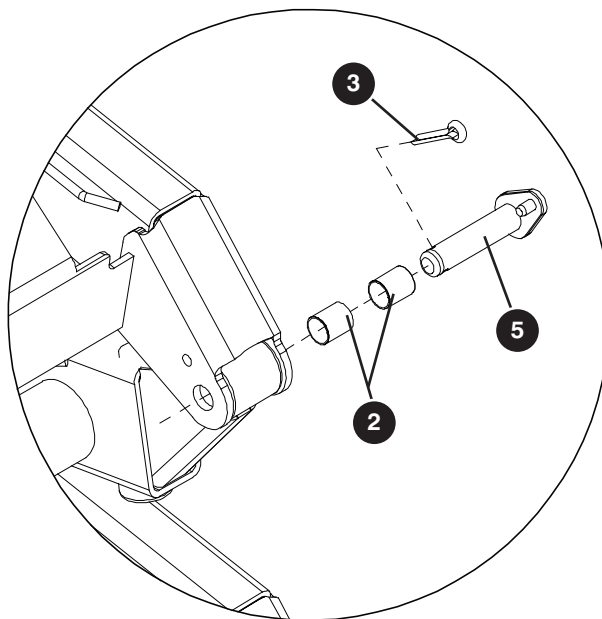
Index No.	Skyjack Part No.	Qty.	Description
1	120772	1	PAD, Slider
2	120771	1	BRACKET, Top slider
3	127791	1	SPACER, Slider tube
4	100050	2	BUSHING, Fiberglide (3/4" ID x 1")
5	127799	1	PIN, Top slider (Model SJIII 3215)
	127797	1	PIN, Top slider (Model SJIII 3219)
6	103995	1	WASHER, Flat (1/4")
7	104000	1	WASHER, Lock (1/4")
8	103892	1	BOLT, Hex head (1/4"-20 x 5/8")
9	125422	1	PIN, Cable carrier (Model SJIII 3215)
	127763	1	PIN, Inside scissor (Model SJIII 3219)
10	128909	2	CASTING, Platform mounting bracket
11	121874	1	PIN, Cotter (1/4" x 1.5")
12	158652	1	SPACER, Bottom roller pin
13	127768	1	PIN, Bottom roller
14	100049	1	WHEEL, Scissor roller
15	127561	1	TUBE, Cross member
16	103478	1	PIN, Cotter (1/4" x 1.25")
17	130473	8	BOLT, Hex Hd (3/8"-16 x 1")
18	103472	8	WASHER, Flat (3/8")
19	103999	8	WASHER, Lock (3/8")
20	133169	AR	SHIM, Platform Mount

2.5 Scissor Stack Assembly - Connecting Hardware

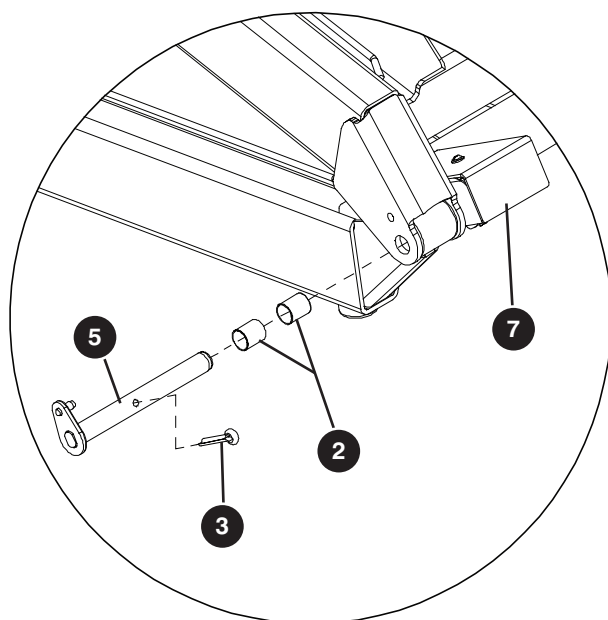
Outside End Pin Assembly
(With Cross Member Tube)



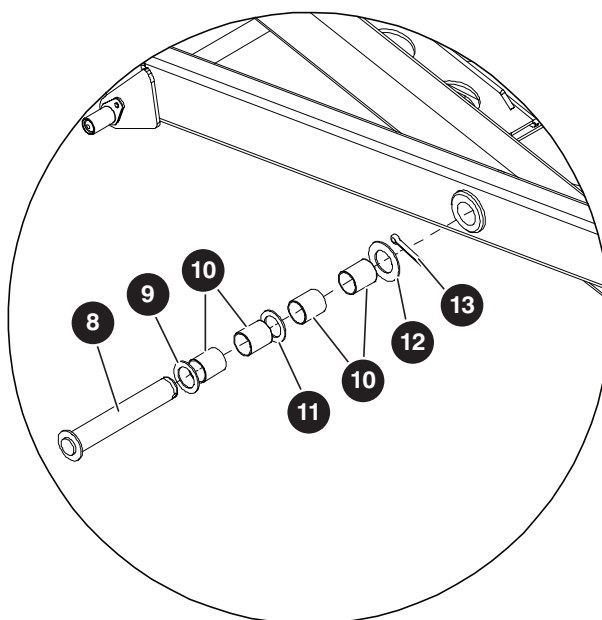
Inside End Pin Assembly
(Without Cross Member Tube)



Limit Switch Pin Assembly



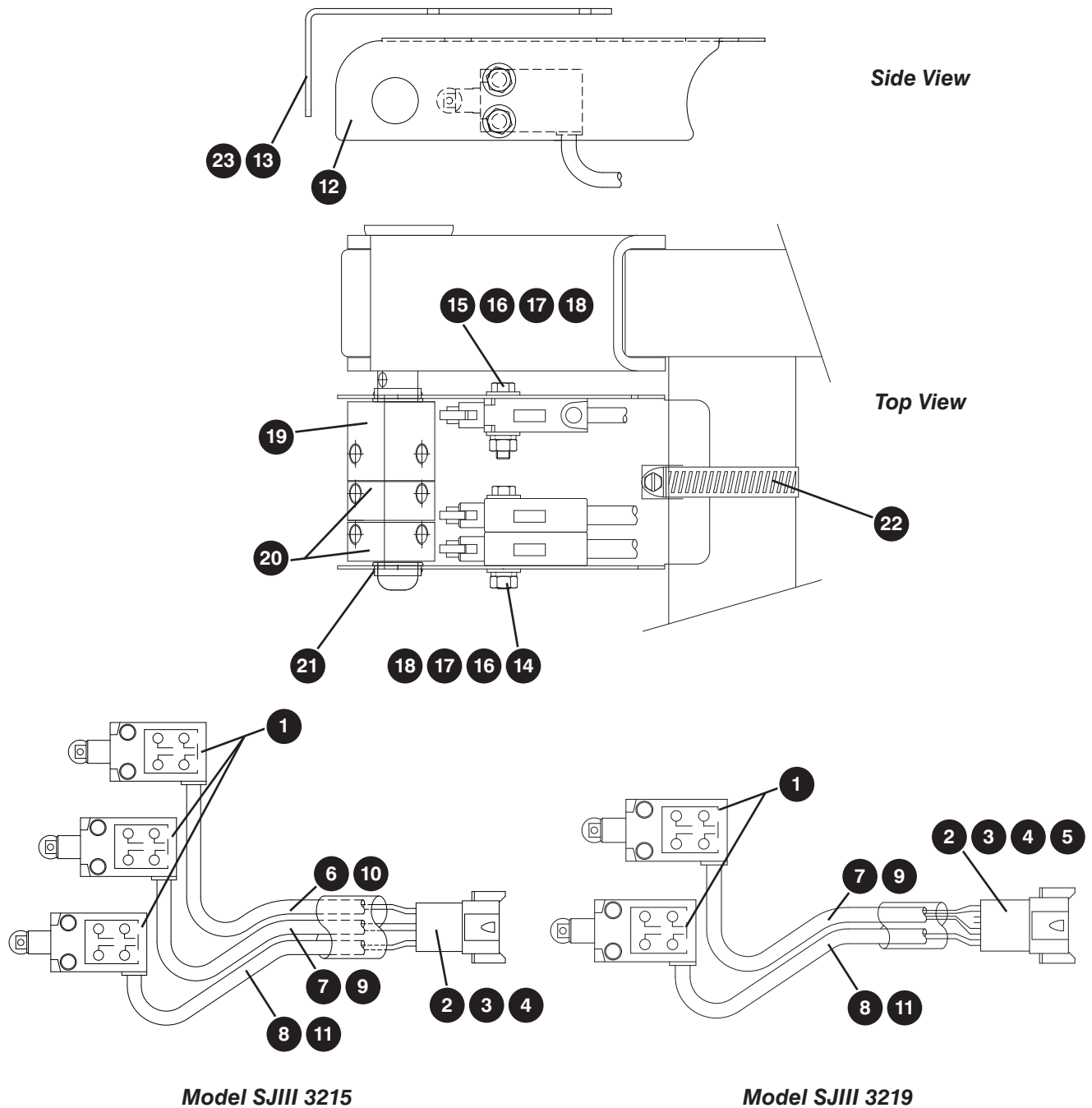
Center Pin Assembly



2.5 Scissor Stack Assembly - Connecting Hardware

Index No.	Skyjack Part No.	Qty.	Description
1	127759	1	PIN, Outside scissor
2	100050	2	BUSHING, Fiberglide (3/4" ID x 1)
3	121874	1	PIN, Cotter (1/4" x 1.5")
4	127561	1	TUBE, Cross member
5	127763	1	PIN, Inside scissor
6	127782	1	PIN, Limit switch
7	(Ref.)	-	LIMIT SWITCH ASSEMBLY (For components, refer to Section 2.6 Scissor Arm Limit Switch Assemblies)
8	127706	1	PIN, Scissor center
9	101520	1	WASHER, Nylon (2" OD x 1.28" ID x 0.12)
10	127562	4	BUSHING, Fiberglide (1.25" x 1.312")
11	121703	1	SPACER, Bearing thrust fiberglide (1.25" ID)
*12	122502	1	WASHER, Flat (1.25" ID x 2.25" OD)
13	121875	1	PIN, Cotter (5/16" diameter x 2")
*Note: Not required if equipped with Cable Carrier Weldment			

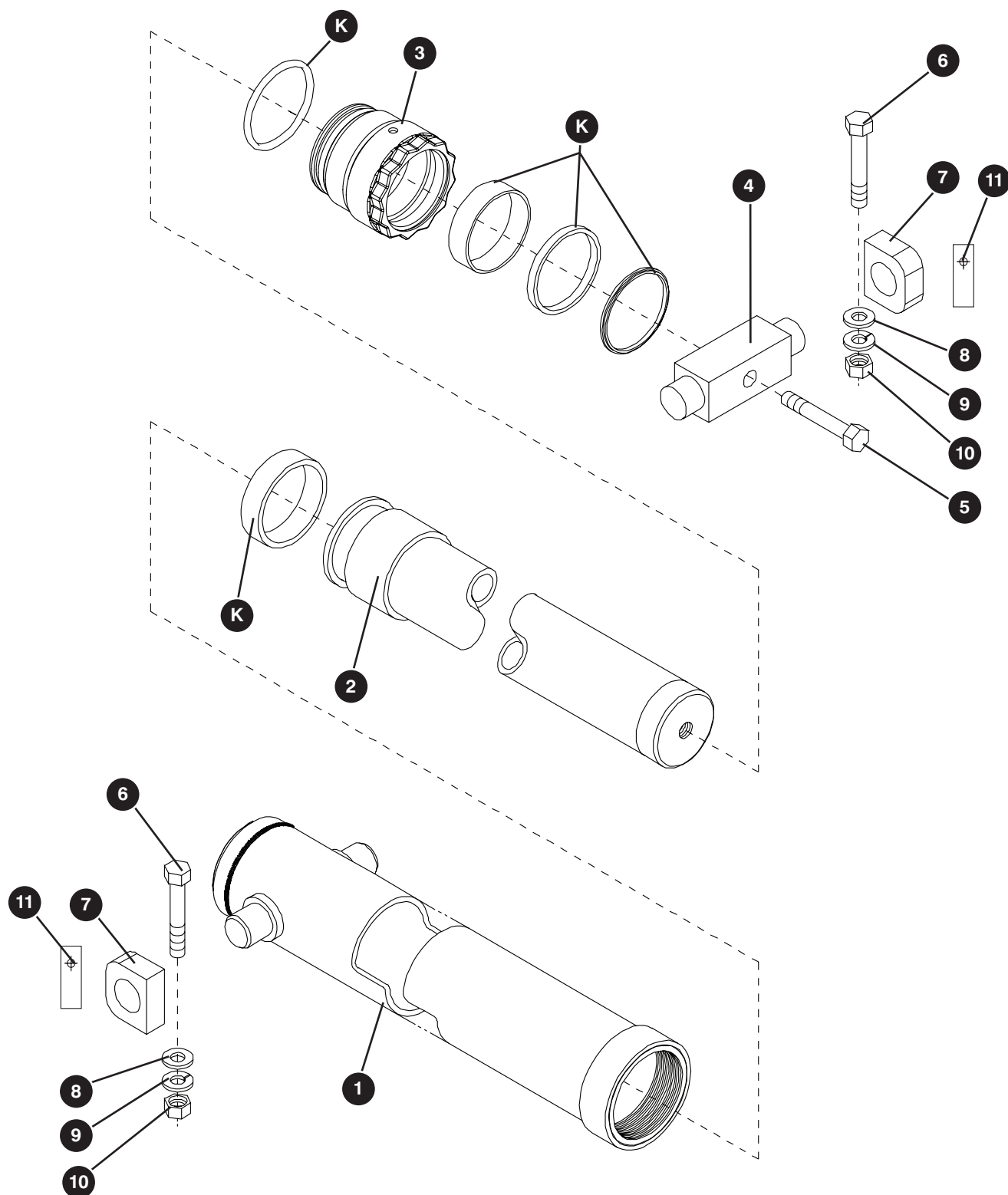
2.6 Scissor Arm Limit Switch Assemblies



2.6 Scissor Arm Limit Switch Assemblies

Index No.	Skyjack Part No.	Qty.	Description
A	136509	1	HIGH SPEED/POTHOLE LIMIT SWITCH ASSEMBLY (Model SJIII 3215)
B	130146	1	HIGH SPEED/POTHOLE LIMIT SWITCH ASSEMBLY (Model SJIII 3219)
1	199485	3	• SWITCH, Drilled sealed limit, A
		2	• SWITCH, Drilled sealed limit, B
2	117582	1	• CONNECTOR, Receptacle (8 pin)
3	117584	1	• CONNECTOR, Receptacle wedge (8 pin)
4	117590	8	• CONNECTOR, Contact pin (16-18), A
	117590	6	• CONNECTOR, Contact pin (16-18), B
5	117594	2	• CONNECTOR, Seal plug, B
6	113013	1	• MARKER, Brady wire (#13), A
7	113021	1	• MARKER, Brady wire (#21)
8	113071	1	• MARKER, Brady wire (#71)
9	145964	1	• LABEL, LS1B
10	147113	1	• LABEL, LS7, A
11	145965	1	• LABEL, LS6
12	127917	1	BRACKET, Limit switch
13	127918	1	GUARD, Limit switch
14	103860	2	BOLT, Hex head (1/4"-20 x 1.75", Gr. 5)
15	103858	2	BOLT, Hex head (1/4"-20 x 1.25", Gr. 5)
16	104000	4	WASHER, Lock (1/4", NOM x 0.06)
17	103995	8	WASHER, Flat (1/4" SAE)
18	103980	4	NUT, Hex head (1/4"- 20, Grade B)
19	100967	2	CAM, Limit switch (1-1/2")
20	136488	2	CAM, Limit switch (3/4"), A
21	121908	2	BUSHING, Snap-in (3/4" ID)
22	121869	1	CLAMP, Gear #40 (2.5")
23	127919	-	HARDWARE, Limit switch guard
	300450	1	• LOCKNUT, Hex nylon insert (#10-32 UNF)
	136537	1	• BOLT, Machine (#10-32 x 5/8", PH-PANHD ZC))
	104185	1	• WASHER, Lock (#10)
	104694	2	• WASHER, Flat (#10)

2.7 Lift Cylinder Assembly and Mounting Hardware



M10140AC

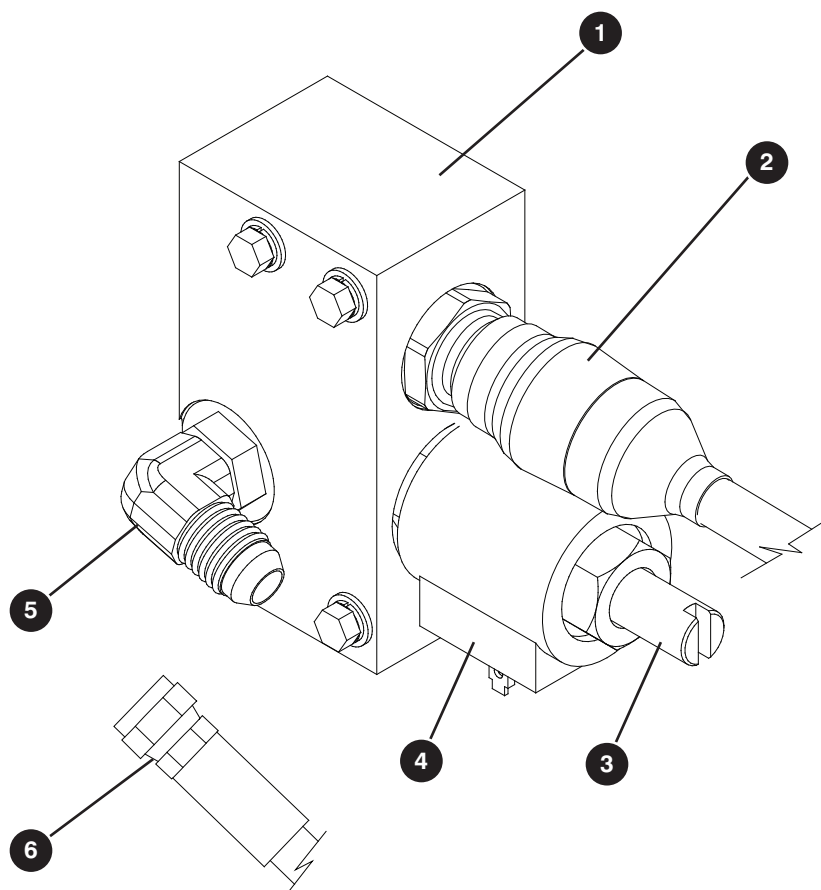
165969AL

SJIII 3215 SJIII 3219

2.7 Lift Cylinder Assembly and Mounting Hardware

Index No.	Skyjack Part No.	Qty.	Description
A	161031	1	LIFT CYLINDER ASSEMBLY
B	199839	1	LIFT CYLINDER ASSEMBLY
1	110681	1	• WELDMENT, Barrel, A
	199855	1	• WELDMENT, Barrel, B
2	160742	1	• ROD, Piston
3	106209	1	• GLAND, Front Head, A
	199864	1	• GLAND, Front Head, B
4	105985	1	• TRUNNION
5	105686	1	• BOLT (3/4"-16 x 3", Gr. 5)
6	103869	4	BOLT, Hex head (5/16"-18 x 4.25", Gr. 5)
7	128119	4	BEARING BLOCK ASSEMBLY
	123808		• BLOCK
8	103996	4	WASHER, Flat (5/16" SAE)
9	103404	4	WASHER, Lock (5/16" NOM x 0.07)
10	100397	4	NUT, Hex head (5/16"-18, Grade B)
11	130337	1	SHIM, Bearing block (16 GA) (If equipped)
	130387	1	SHIM, Bearing block (18 GA) (If equipped)
	130388	1	SHIM, Bearing block (22 GA) (If equipped)
K	105888	1	KIT, Seal repair

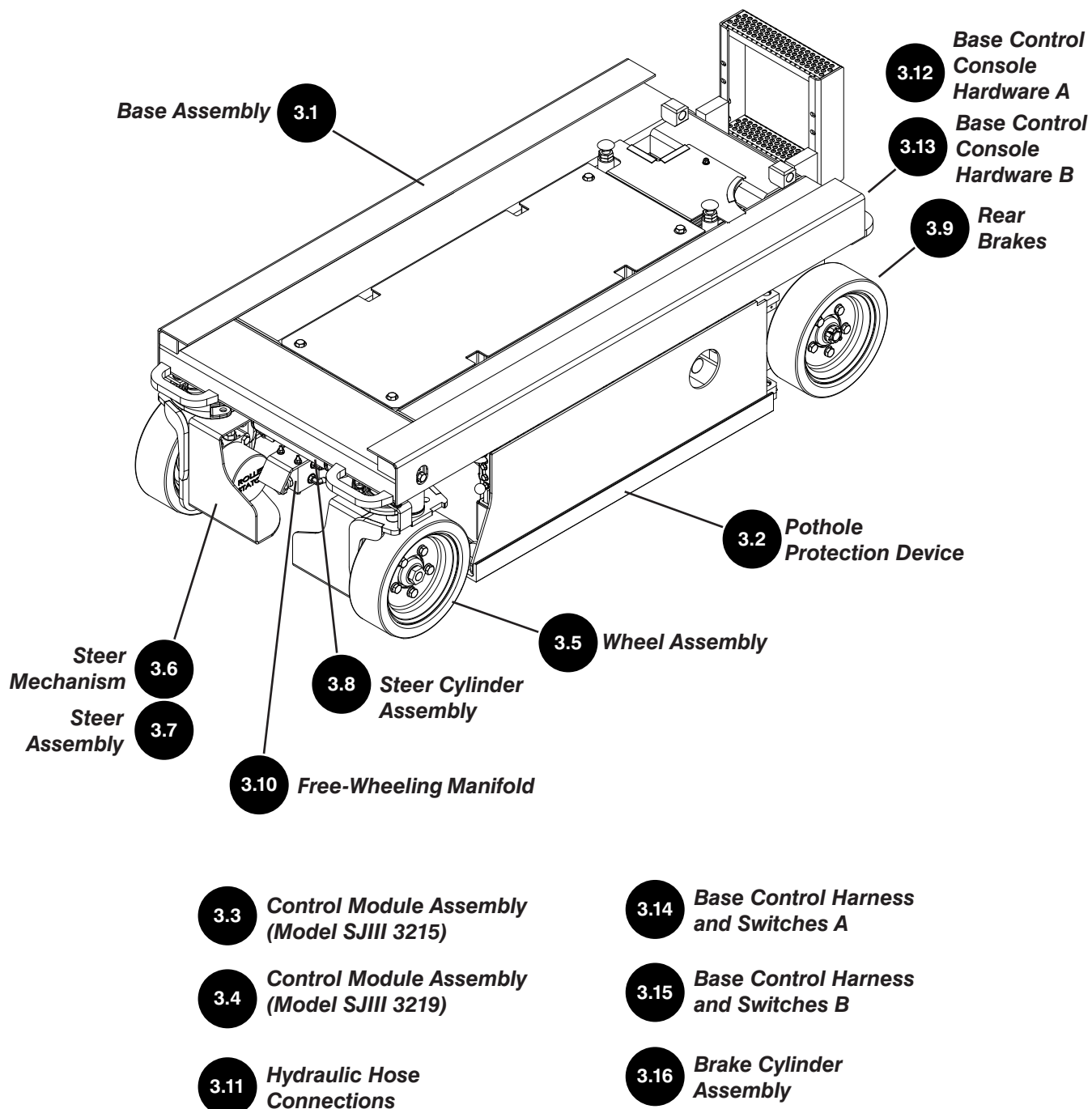
2.8 Holding Valve Assembly



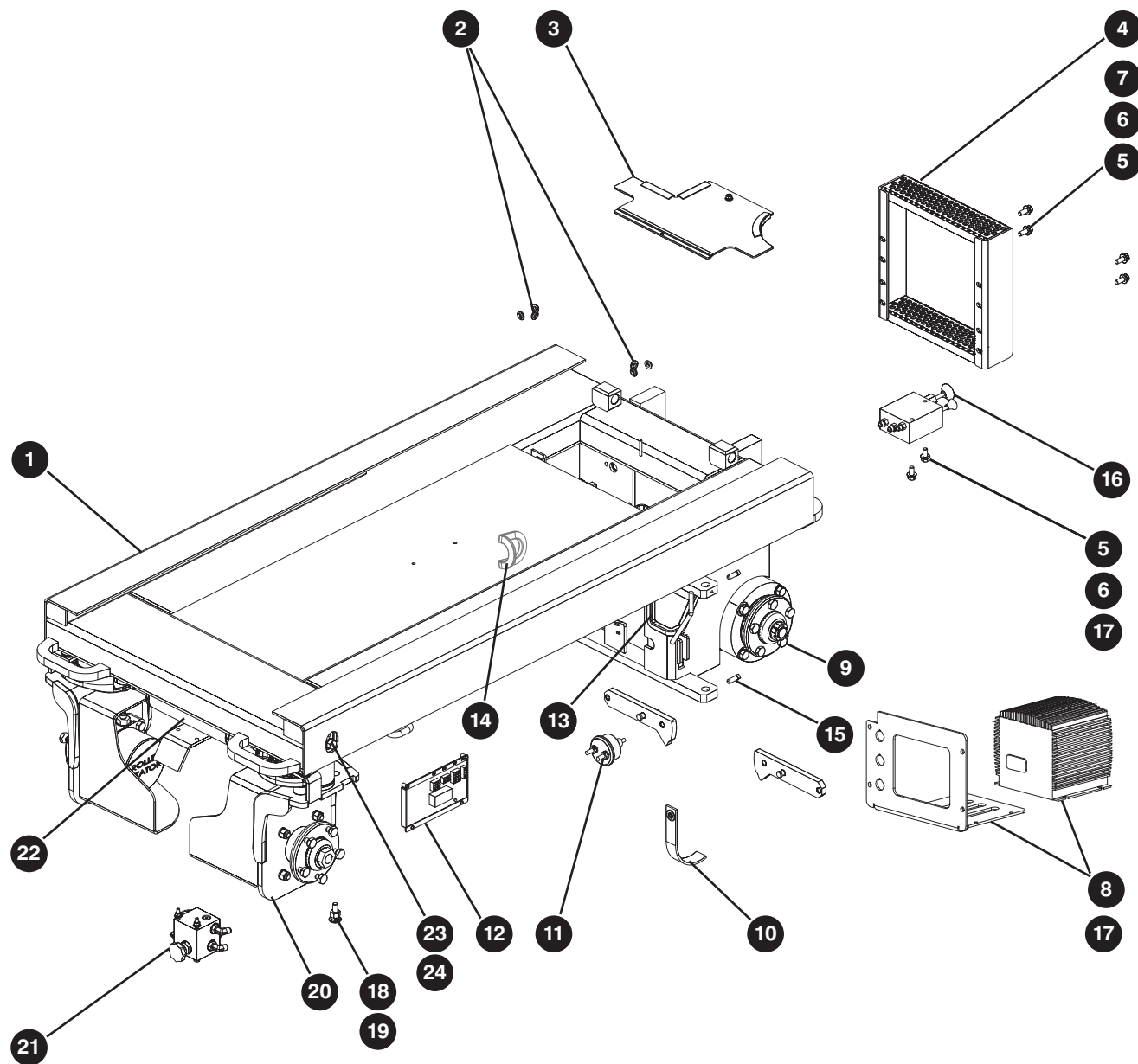
M10930AB

Index No.	Skyjack Part No.	Qty.	Description
1	130480	1	MANIFOLD BLOCK ASSEMBLY
	130481	1	• BLOCK, Manifold
	108052	1	• PLUG, Expander
	103996	4	• WASHER, Flat (5/16")
	104637	4	• WASHER, Lock (5/16" high collar 0.09)
	103931	4	• BOLT, Socket (5/16"-18 x 2", Gr. 5)
2	134431	1	TRANSDUCER, Pressure (2000 psi) (Model SJIII 3215)
	134432	1	TRANSDUCER, Pressure (3000 psi) (Model SJIII 3219)
3	107269	1	VALVE, Lift cylinder holding
4	104493	1	COIL, 24 V (3-prong)
5	114578	1	FITTING, Elbow 90° (06 JICM - 06 ORBM)
6	(Ref.)	-	HOSE, Lift cylinder (For components, refer to Section 3.8 Steer Cylinder Assembly)

Section 3 – Base Related Parts



3.1 Base Assembly



M154968AA_6

165969AL

50

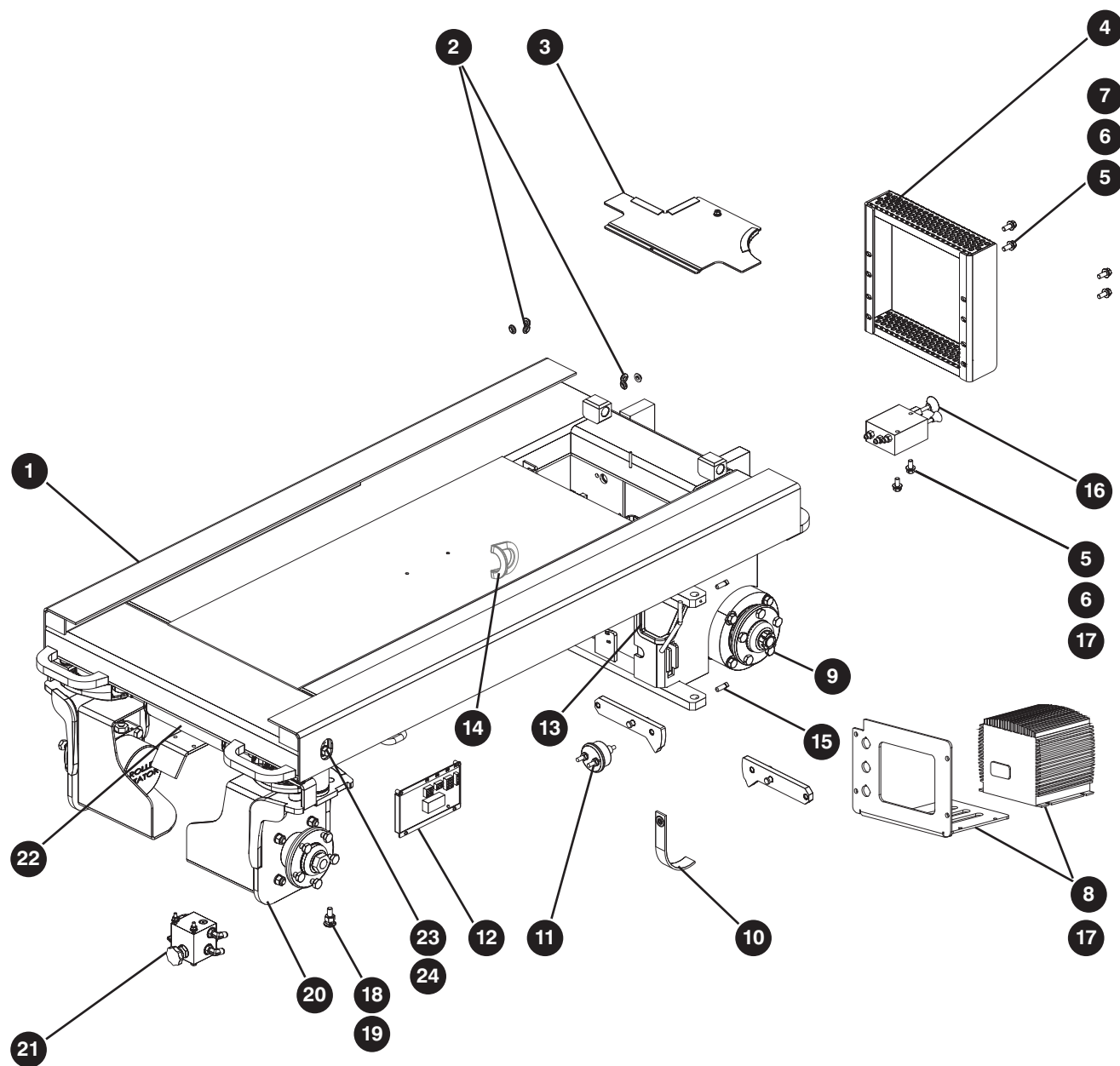
SJIII 3215 SJIII 3219

SKYJACK

3.1 Base Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	217955	1	WELDMENT, Base (Model SJIII 3215) (For Model SJIII 3215 with serial number 10004229 & Above) (For Model SJIII 3219 with serial number 22148382 & Above)
	154966	1	WELDMENT, Base (Model SJIII 3215) (For model SJIII 3215 with serial number 10004228 & Below) (For model SJIII 3219 with serial number 22148381 & Below)
	217956	1	WELDMENT, Base (Model SJIII 3219) (For Model SJIII 3215 with serial number 10004229 & Above) (For Model SJIII 3219 with serial number 22148382 & Above)
	155834	1	WELDMENT, Base (Model SJIII 3219) (For model SJIII 3215 with serial number 10004228 & Below) (For model SJIII 3219 with serial number 22148381 & Below)
2	103550	6	BUSHING, Handrail slide
3	128100	1	ACCESS PLATE ASSEMBLY
	128048	1	• PLATE, Access Cover (For Model SJIII 3215 with serial number 10001497 & Below) (For Model SJIII 3219 with serial number 22089663 & Below)
	195943	1	• PLATE, Access Cover (For Model SJIII 3215 with serial number 10001498 & Above) (For Model SJIII 3219 with serial number 22089664 & Above)
	103995	1	• WASHER, Flat (1/4")
	103995	1	• WASHER, Flat (1/4")
	104000	1	• WASHER, Lock (1/4")
	103980	1	• NUT, Hex head (1/4"-20, Gr. 5)
	117398	7"	• TRIM, Protective
	130192	1	LADDER
	103472	4	WASHER, Flat (3/8")
6	103999	4	WASHER, Lock (3/8")
7	103473	4	BOLT, Hex head (3/8"-16 x 1", Gr. 5)
8	(Ref.)	-	CHARGER, Battery (24 VDC) (For components, refer to Section 5.3 Battery Charger - Signet)
9	(Ref.)	-	REAR BRAKE ASSEMBLY (For components, refer to Section 3.9 Rear Brakes)
10	115005	1	STATIC STRAP ASSEMBLY
	115420	1	• STATIC STRAP
	101632	1	• BOLT, Hex head (3/8"-16 x 1-1/4", Gr. 5)
	103999	1	• WASHER, Lock (3/8" NOM x 0.09)
	103978	1	• NUT, Hex head (3/8"-16, Grade B)
11	119725	1	SWITCH, Battery disconnect
	108714	1	LEVER, Main disconnect switch
12	(Ref.)	-	CONTROL MODULE ASSEMBLY (For components, refer to Section 3.3 Control Module Assembly (Model SJIII 3215))
			Parts list continued on the following page.

3.1 Base Assembly



M154968AA_6

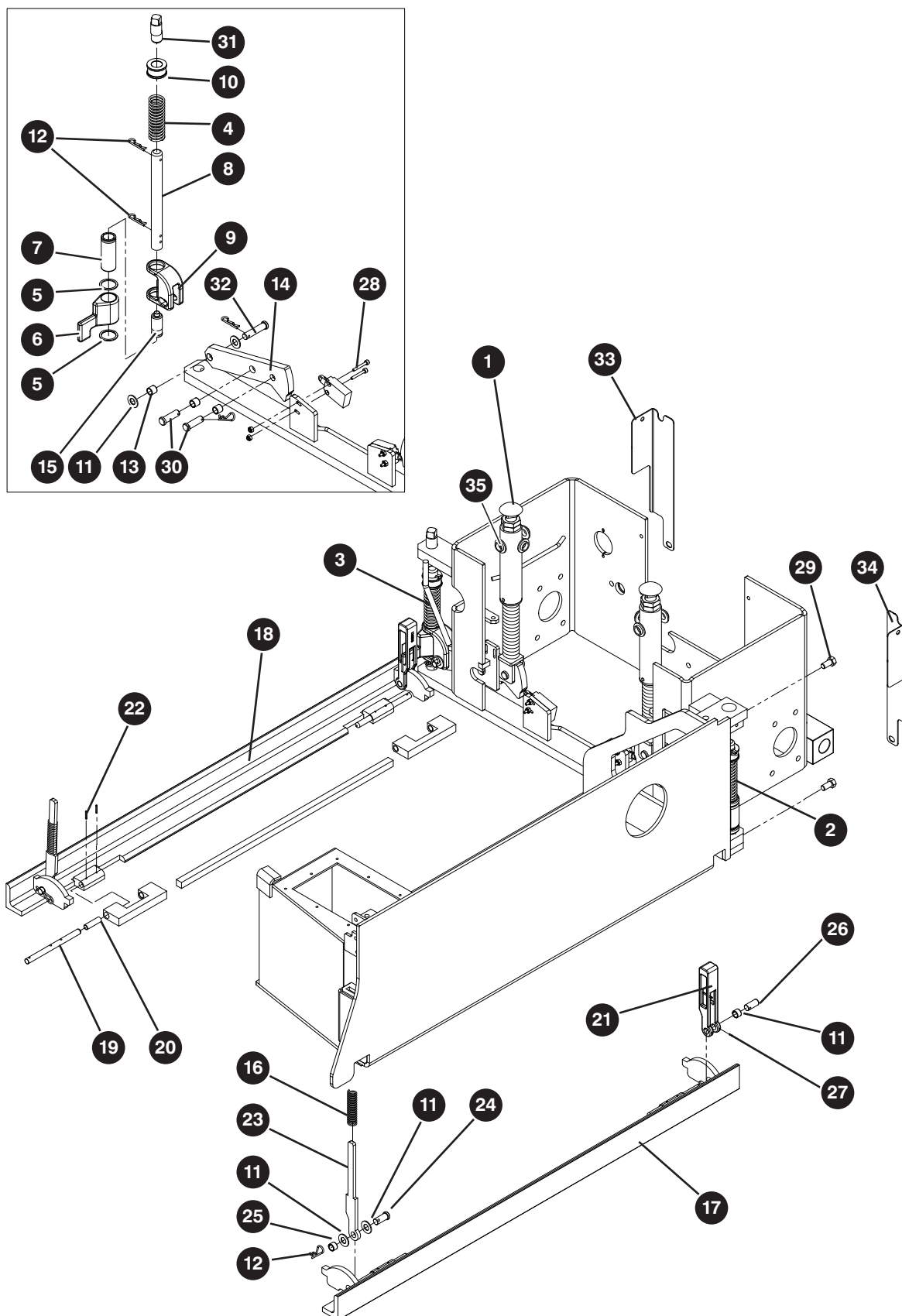
165969AL

SJIII 3215 SJIII 3219

3.1 Base Assembly

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
13	110007	16"	CHANNEL, Black Edge
14	230217	9"	EDGE TRIM, Neoprene - 3/16" x 5/16"
15	141751	4	SET SCREW, Square head (ZP, 3/8"-16 x 1", Gr. 5)
16	136540	1	BRAKE RELEASE MANIFOLD ASSEMBLY
	146563	1	• MANIFOLD, Brake
	146559	1	• PUMP ASSEMBLY
	146561	1	• VALVE ASSEMBLY
	701954	3	• FITTING, Straight (4 JIC)
	146564	1	• KIT, Seal
17	125741	2	BOLT, Hex head (3/8"-16 x 7/8", Grade 8)
18	125798	2	BOLT, Carriage (1/2"-13 x 1.5", Gr. 5)
19	103471	2	NUT, Hex head (1/2"-13, Gr. 5)
20	(Ref.)	-	WHEEL MOTOR ASSEMBLY (For components, refer to Section 3.5 Wheel Assembly)
21	(Ref.)	-	STEER MANIFOLD ASSEMBLY (For components, refer to Section 3.10 Free-Wheeling Manifold Assembly)
22	(Ref.)	-	STEER ASSEMBLY (For components, refer to Section 3.7 Steer Assembly)
23	103513	2	GREASE NIPPLE, Straight - 1/4"-28
24	132565	2	CAP, Grease - GC5

3.2 Pothole Protection Device



M149655AC

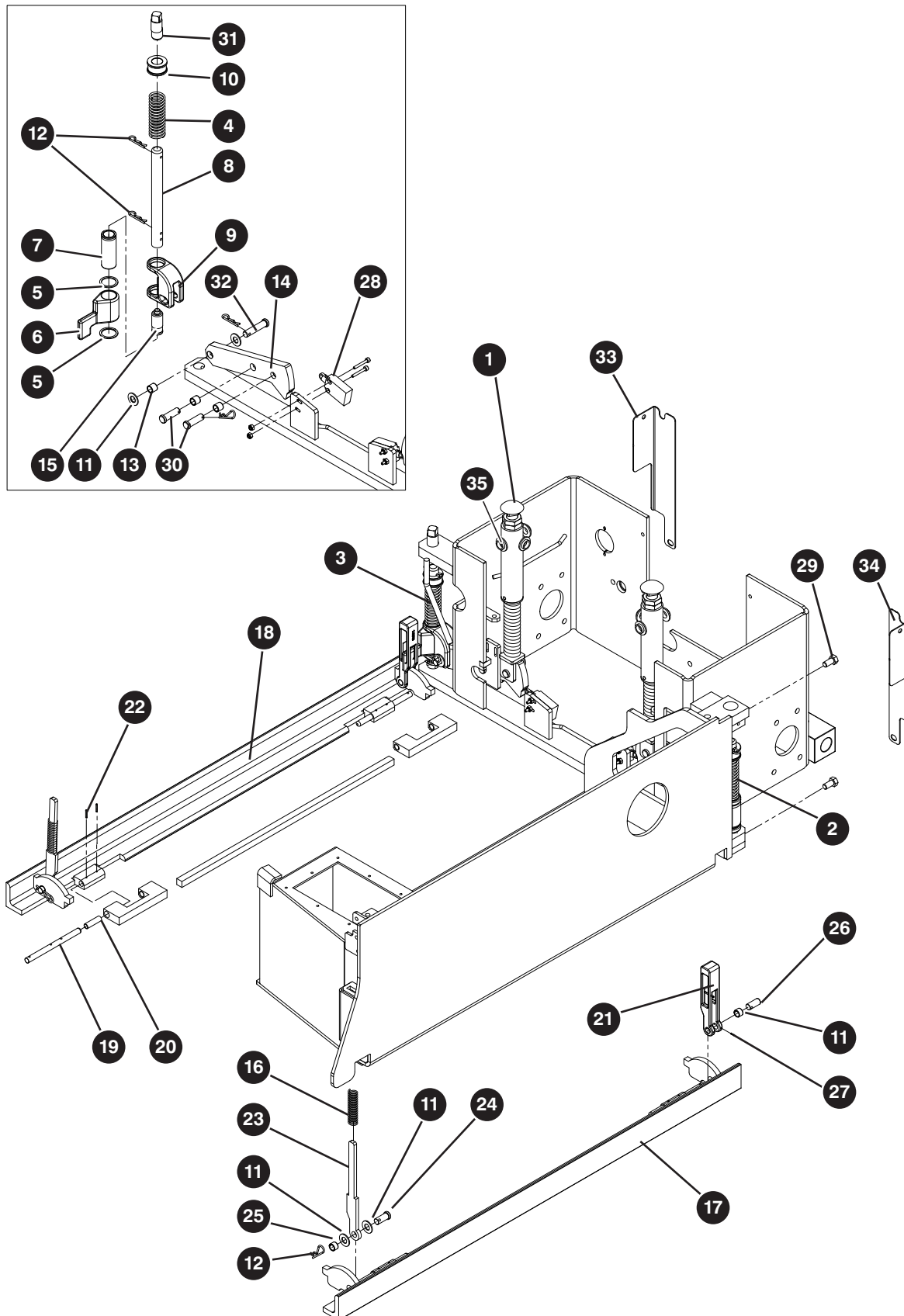
165969AL

SJIII 3215 SJIII 3219

3.2 Pothole Protection Device

Index No.	Skyjack Part No.	Qty.	Description
1	136417	2	COMPRESSION ROD ASSEMBLY
2	310229	1	HYDRAULIC TRAY CAM LOCK ASSEMBLY
3	310230	1	BATTERY TRAY CAM LOCK ASSEMBLY
4	119314	2	• SPRING, Cam lock
5	119728	4	• WASHER, Driver
6	118720	1	• LOCK, Battery tray cam
	118721	1	• LOCK, Hydraulic tray cam
7	118778	2	• BUSHING, Cam lock
8	118730	2	• PIN, Lever bar guide
9	118718	2	• DRIVER, Lock
	119843	2	• PIN, Spring (3/32" x 1.375")
10	118729	2	• LOCATOR, Pin
11	119313	8	WASHER, Flat (7/16")
12	119325	10	PIN, Cotter clip
13	119312	6	BUSHING (7/16" x 1/2")
14	147903	2	BAR, Lever
15	118983	2	PIN, Lower tray
16	119321	2	SPRING, Kicker
17	127571	1	WELDMENT, Hydraulic tray angle
18	127570	1	WELDMENT, Battery tray angle
19	119339	4	PIN, Angle
20	119316	16	BUSHING (3/8" x 5/8")
21	118818	2	LOCK, Tray cam
22	119319	8	PIN, Spring (3/32" x 5/8")
23	118982	2	PLATE, Kicker
24	118689	2	PIN, Pothole kicker
25	119318	4	BUSHING (7/16" x 3/8")
26	118690	2	PIN, Lock
			Parts list continued on the following page

3.2 Pothole Protection Device



M149655AC

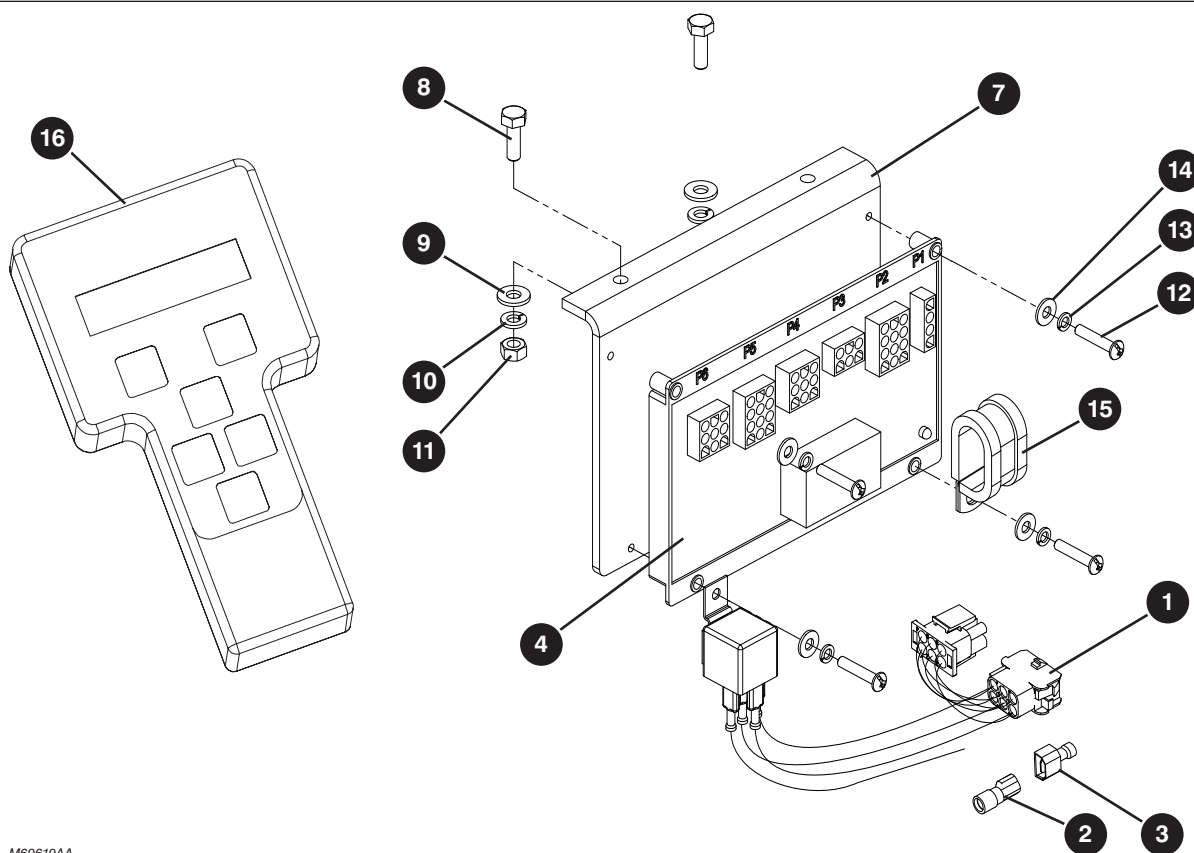
165969AL

SJIII 3215 SJIII 3219

3.2 Pothole Protection Device

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
27	119315	2	PIN, Spring (3/32" x 7/8")
28	-	-	POTHOLE DEVICE LIMIT SWITCH ASSEMBLY
	199451	1	• LIMIT SWITCH, Pothole - Hydraulic tray
	199452	1	• LIMIT SWITCH, Pothole - Battery tray
	149581	4	• BOLT (#8-32 x 1-1/4")
	138765	4	• NUT, Lock, nylon (#8-32)
29	101632	4	BOLT, Hex head (3/8"-16 x 3/4", Gr. 5)
30	130209	4	PIN, Lever
31	100446	2	PIN, Eccentric
32	132530	2	PIN, Tray spring guide
33	130047	1	GUARD, Left hand pothole protection
34	130049	1	GUARD, Right hand pothole protection
35	103550	6	BUSHING, Handrail Slide

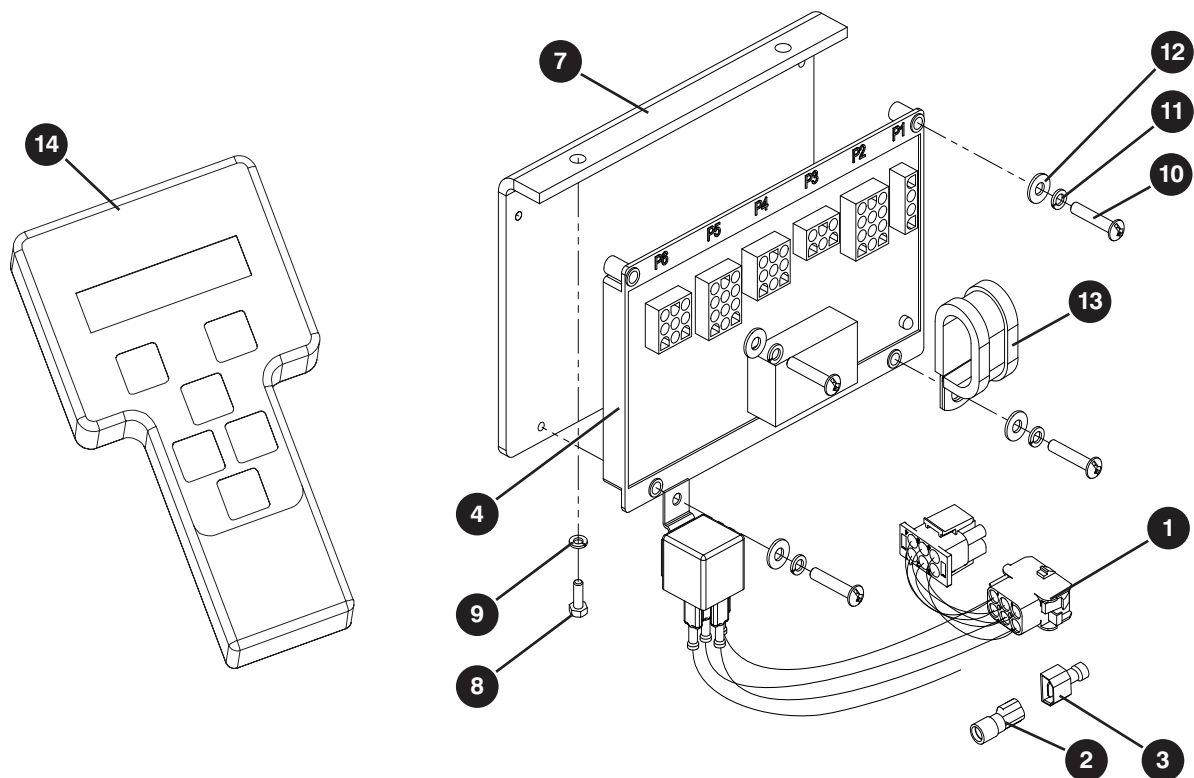
3.3 Control Module Assembly (Model SJIII 3215)



M130477AA, M69619AA

Index No.	Skyjack Part No.	Qty.	Description
-	239682	1	GP-108 CONTROLLER FIELD KIT
1	239681	1	• HARNESS, Flashing light relay
2	102935	1	• • TERMINAL, Female (10-12 GA)
3	105360	1	• • TERMINAL, Male (14-16 GA)
4	241650	1	• CONTROLLER, GP-108
5	102891	7	• TIE WRAP (not shown)
6	239683	1	• INSTRUCTION, GP-108 Controller installation (not shown)
-	(Ref.)	-	BRACKET AND HARDWARE
7	130468	1	• BRACKET, Control module
8	103856	2	• BOLT, Hex head (1/4"-20 x 3/4", Gr. 5)
9	103995	2	• WASHER, Flat (1/4")
10	104000	2	• WASHER, Lock (1/4")
11	103980	2	• NUT, Hex head (1/4"-20, Gr. 5)
12	105621	4	SCREW, Round head machine (#10-32 x 1")
13	104185	4	WASHER, Lock (#10)w
14	104694	4	WASHER, Flat (#10)
15	103078	1	CLIP, Double
16	130477	1	KIT, Hand held calibration/diagnostic tool
	130441	1	• TOOL, Hand held calibration/diagnostic
	130457	1	• CABLE, Computer (24 gauge)
	130448	1	• PLUG, Male (4 pole)
	130451	1	• PLUG, Male (4 pole) (Enclosed Version)

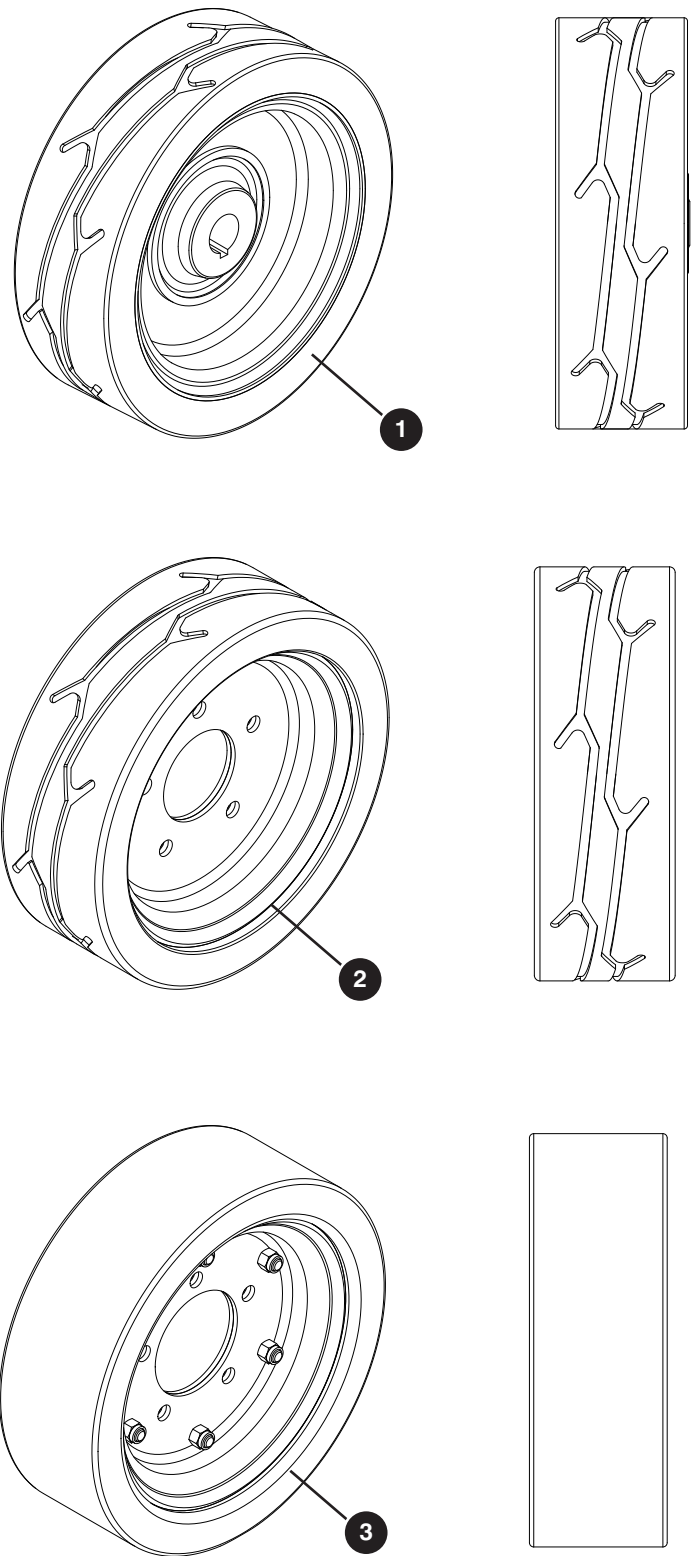
3.4 Control Module Assembly (Model SJIII 3219)



M130477AA, M69620AA

Index No.	Skyjack Part No.	Qty.	Description
-	239682	1	GP-108 CONTROLLER FIELD KIT
1	239681	1	• HARNESS, Flashing light relay
2	102935	1	• • TERMINAL, Female (10-12 GA)
3	105360	1	• • TERMINAL, Male (14-16 GA)
4	241650	1	• CONTROLLER, GP-108
5	102891	7	• TIE WRAP (not shown)
6	239683	1	• INSTRUCTION, GP-108 Controller installation (not shown)
-	(Ref.)	-	BRACKET AND HARDWARE
7	130468	1	• BRACKET, Control module
8	103856	2	• BOLT, Hex head (1/4"-20 x 3/4", Gr. 5)
9	104000	2	• WASHER, Lock (1/4")
10	105621	4	SCREW, Round head machine (#10-32 x 1")
11	104185	4	WASHER, Lock (#10)
12	104694	4	WASHER, Flat (#10)
13	103078	1	CLIP, Double
14	130477	1	KIT, Hand held calibration/diagnostic tool
	130441	1	• TOOL, Hand held calibration/diagnostic
	130457	1	• CABLE, Computer (24 gauge)
	130448	1	• PLUG, Male (4 pole)
	130451	1	• PLUG, Male (4 pole) (Enclosed Version)

3.5 Wheel Assembly



Front and Rear Tire

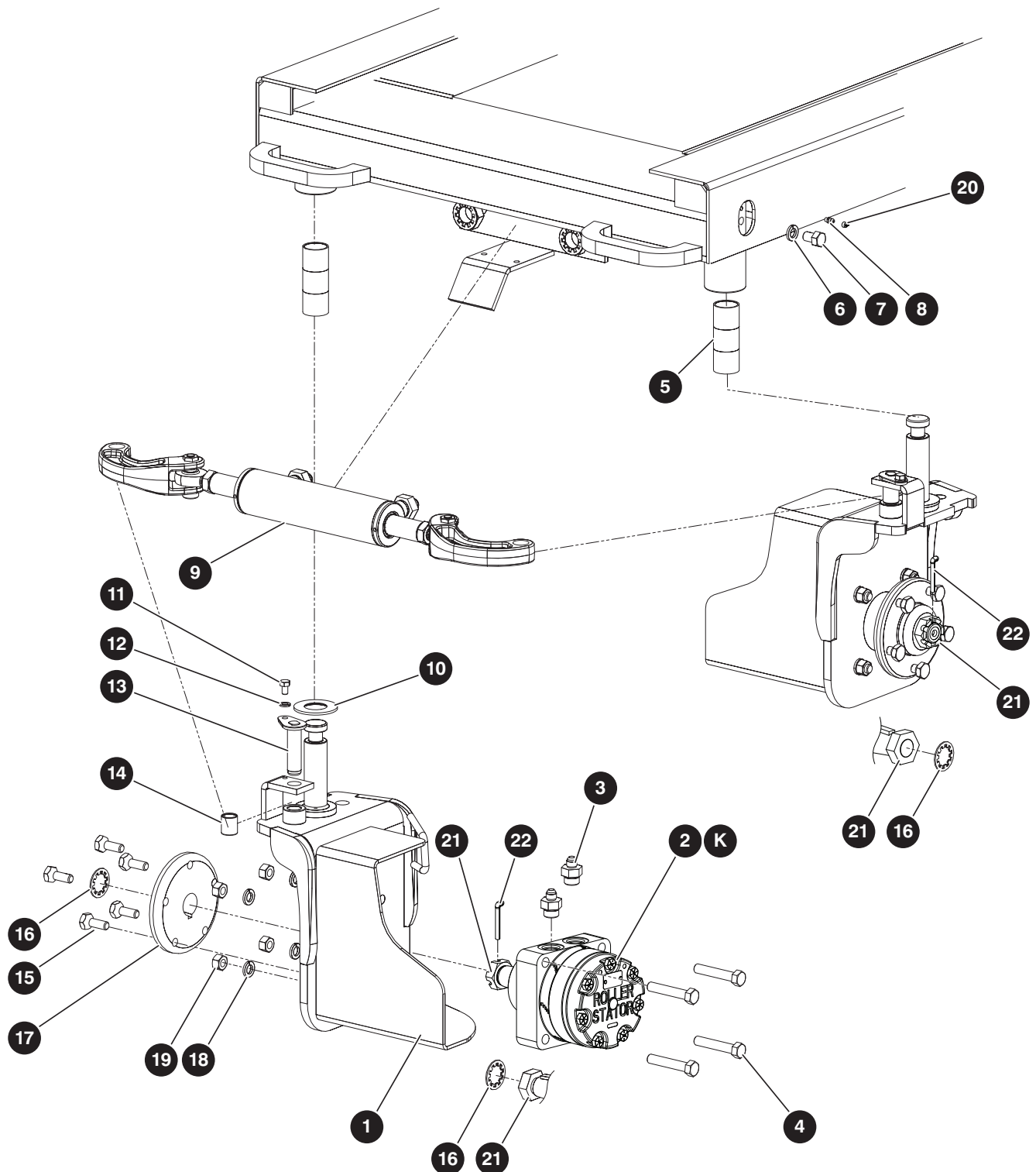
Tread Pattern

M128051AA_1_M154838AA_1_M216462AA

3.5 Wheel Assembly

Index No.	Skyjack Part No.	Qty.	Description
1	209400	4	TIRE ASSEMBLY, GRAY - INTEGRATED HUB (Available for all serial numbers)
2	163730	1	TIRE ASSEMBLY - GRAY (CARLISLE) (For model SJIII 3215 with serial number 10003541 & Below) (For model SJIII 3219 with serial number 22120666 & Below)
	158436	4	• WHEEL/TIRE ASSEMBLY
3	155716	1	TIRE ASSEMBLY - WHITE (CARLISLE) (For model SJIII 3215 with serial number 10003541 & Below) (For model SJIII 3219 with serial number 22120666 & Below)
	108020	4	• WHEEL/TIRE ASSEMBLY

3.6 Steer Mechanism



M139673AB-3

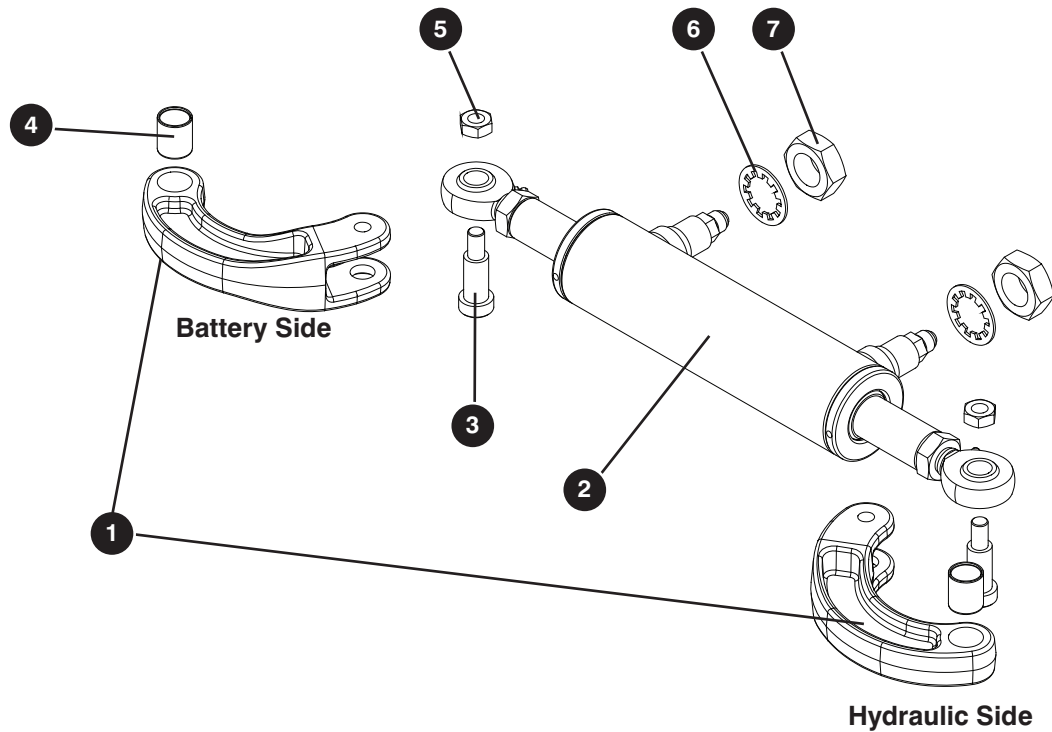
165969AL

SJIII 3215 SJIII 3219

3.6 Steer Mechanism

Index No.	Skyjack Part No.	Qty.	Description
1	149784	1	HOUSING, Wheel motor (Right hand)
	149781	1	HOUSING, Wheel motor (Left hand)
2	139412	2	MOTOR, Hydraulic drive
	213015	1	• BEARING, Front Housing
3	103307	4	FITTING, Straight (10 SAE - 6 JIC, O-ring)
4	108818	8	BOLT, Hex head (1/2"-13 x 2.75", Gr. 5)
5	118341	6	BUSHING, Fiberglide (king pin)
6	103470	2	WASHER, Lock (1/2")
7	116997	2	BOLT, Hex head (1/2"-13 x 3/4", Gr. 5)
8	103513	2	FITTING, Straight grease (1/4"-28)
9	(Ref.)	-	STEER CYLINDER ASSEMBLY (For components, refer to Section 3.8 Steer Cylinder Assembly)
10	149782	2	WASHER, Bronze
11	103845	2	BOLT, Hex head (5/16"-18 x 1/2", Gr. 5)
12	103404	2	WASHER, Lock (5/16")
13	127913	2	PIN, Weldment steering
14	100050	2	BUSHING, Fiberglide (steering pin)
15	103199	10	BOLT, Wheel (1/2"-20 x 1.5625") (Used on machines without the integrated hub wheel assemblies)
16	103789	2	WASHER, Tooth-lock (1")
17	107912	2	HUB, Drive wheel (Used on machines without the integrated hub wheel assemblies)
18	103470	8	WASHER, Lock (1/2")
19	103471	8	NUT, Hex head (1/2"-13, Gr. 5)
20	132565	2	CAP, Grease (GC5)
21	106451	2	NUT, Wheel - 1"-20
	224557	2	NUT, Castle - 1"-20
22	103974	2	PIN, Cotter - 1/8" DIA x 1-1/2"
K	151099	1	KIT, Repair seal

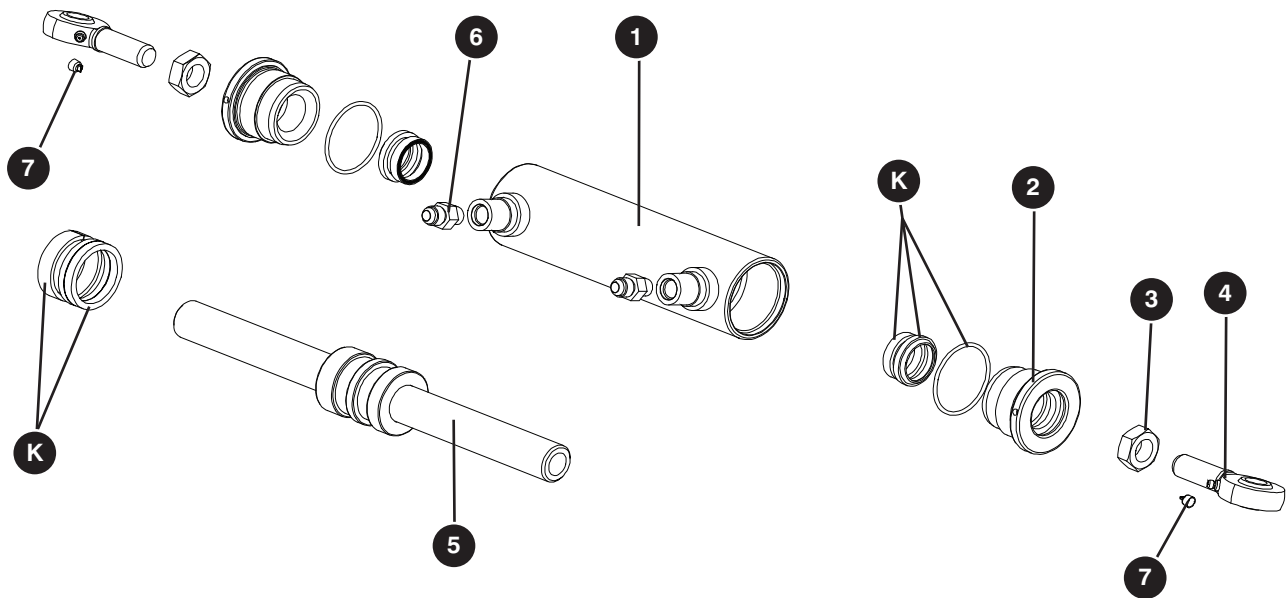
3.7 Steer Assembly



M139673AA_1

Index No.	Skyjack Part No.	Qty.	Description
1	240001		KIT, Service - Steering arm
	NSS	1	• STEERING, Arm - LH (Hydraulic Side)
	NSS	1	• STEERING, Arm - RH (Battery Side)
2	(Ref.)	-	STEER CYLINDER ASSEMBLY (For components, refer to Section 3.8 Steer Cylinder Assembly)
3	107951	2	SCREW, Hex socket shoulder (5/8" x 1.25")
4	100050	2	BUSHING, Fibreglide
5	107949	2	NUT, Hex head jam (1/2"-13, Gr. 5)
6	103789	2	WASHER, Internal tooth lock
7	107947	2	NUT, Hex head jam (1"-14, Gr. 5)

3.8 Steer Cylinder Assembly

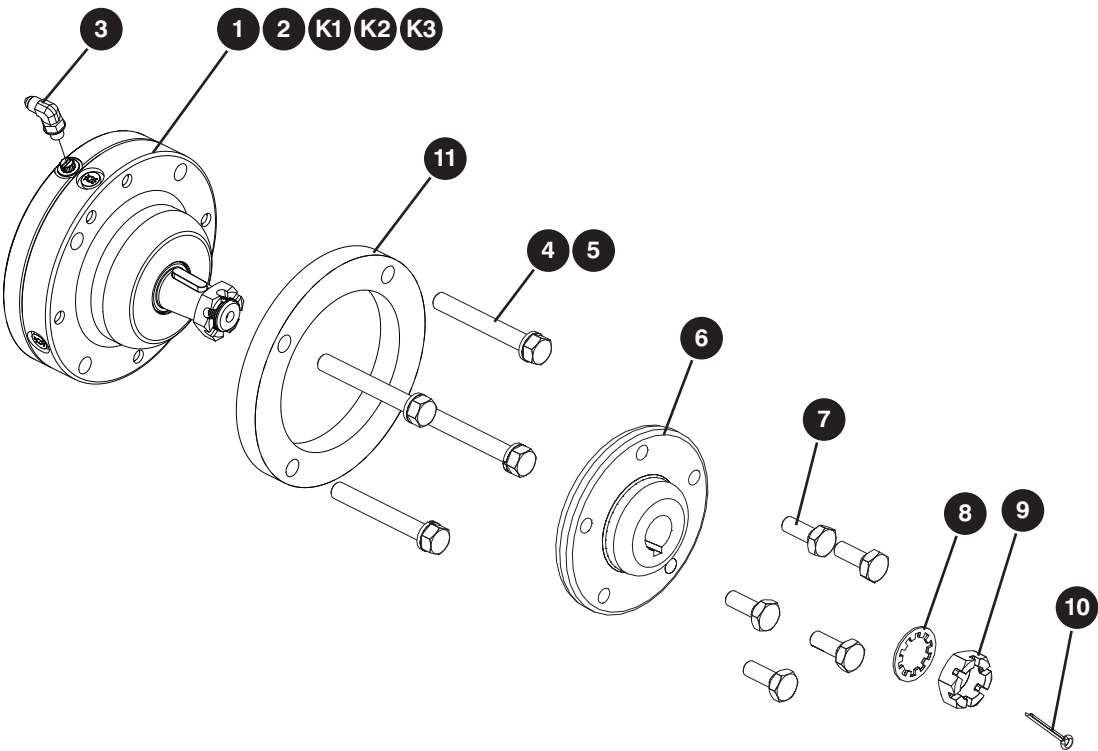


M10565AB

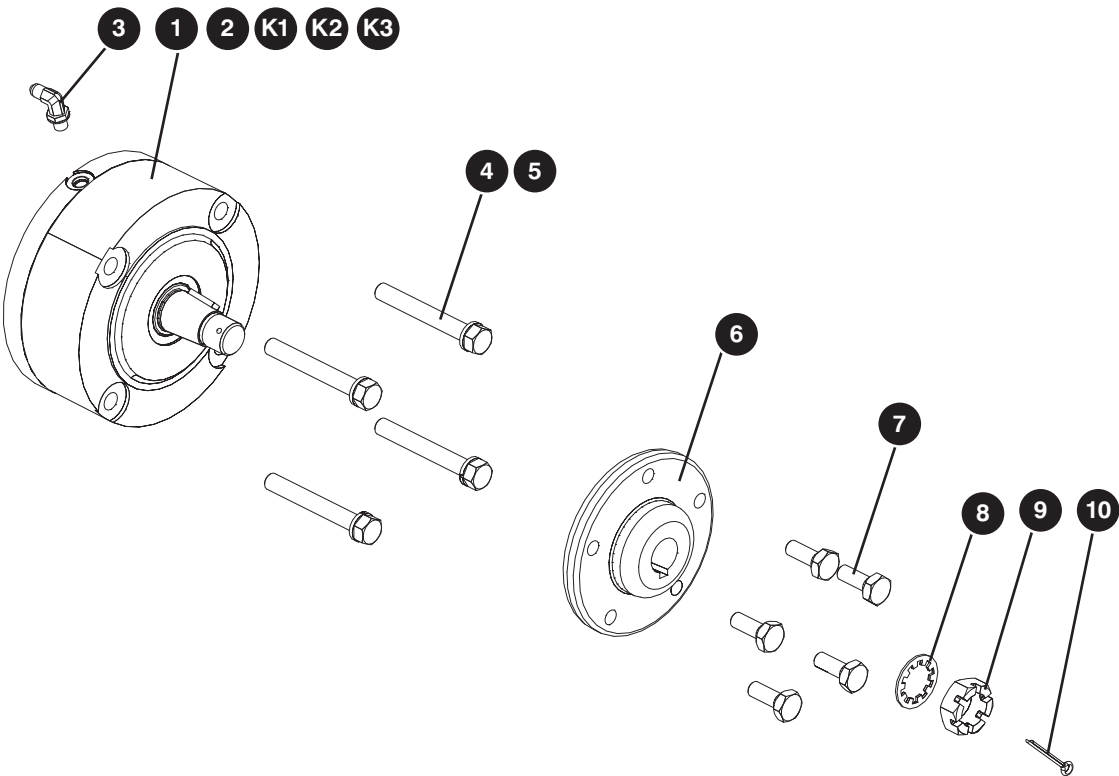
Index No.	Skyjack Part No.	Qty.	Description
-	121087	-	STEER CYLINDER ASSEMBLY
1	121089	1	• BARREL, Steer cylinder
2	167695	2	• GLAND
3	106450	2	• NUT, Hex head jam (3/4"-16, Gr. 5)
4	107143	2	• ROD, End
5	107939	1	• WELDMENT, Rod
6	310056	2	• FITTING, Straight (with orifice)
	108002	2	• • ORIFICE (0.04" diameter)
7	132565	2	• CAP, Grease fitting
K	121090	1	KIT, Repair seal

3.9 Rear Brakes

A



B

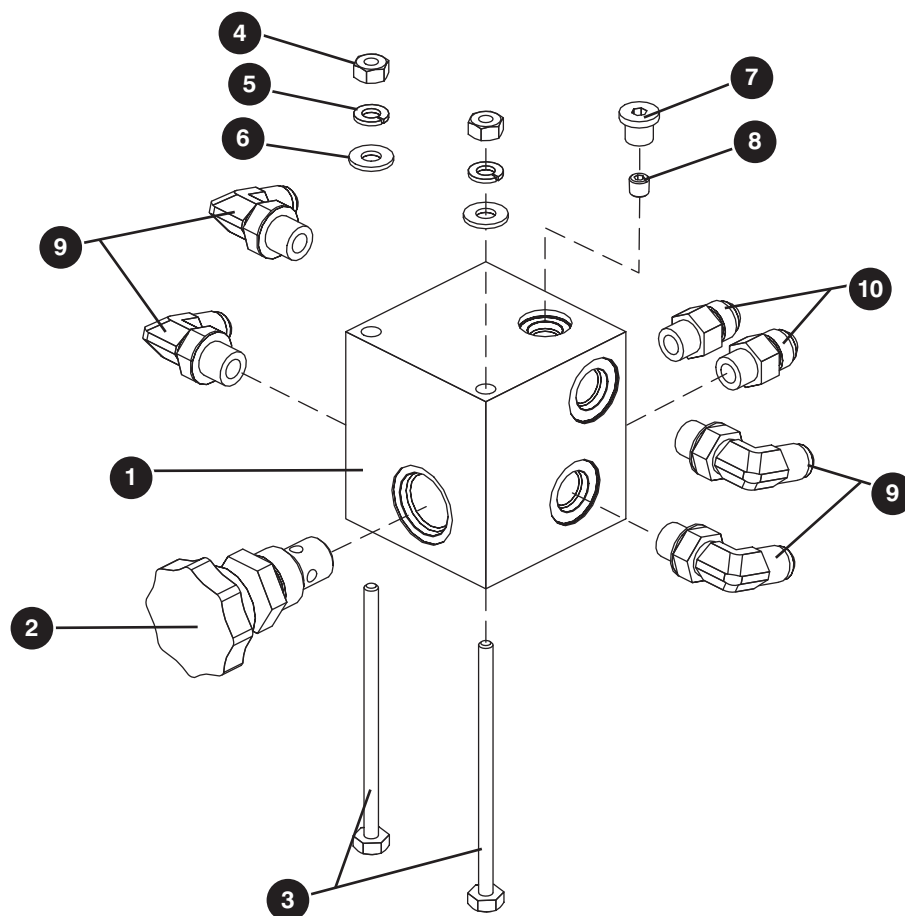


M155709AA_M217959AA

3.9 Rear Brakes

Index No.	Skyjack Part No.	Qty.	Description
A	217959	2	REAR BRAKE
B	155709	2	REAR BRAKE
1	217960	1	• BRAKE, Wheel mount, A
	154839	1	• BRAKE, Wheel mount, B
2	156247	1	• • KEY, Shaft
3	125883	1	• FITTING, 90° (04 JICM - 04 ORBM)
4	108818	4	BOLT, Hex head (1/2"-13 x 2.5", Gr. 5), A
	133940	4	BOLT, Hex head (1/2"-13 x 3.75", Gr. 5), B
5	103470	4	WASHER, Lock (1/2", Gr. 5)
6	107912	1	HUB (Used on machines without the integrated hub wheel assemblies)
7	103199	5	BOLT, Wheel (1/2"-20 x 1-9/16") (Used on machines without the integrated hub wheel assemblies)
8	103789	1	WASHER, Internal tooth lock (1")
9	156248	1	NUT, Castle
10	103974	1	PIN, Cotter (1/8" DIA x 1-1/2"), A
	156249	1	PIN, Cotter, B
11	221487	2	COUNTERWEIGHT, Brake, A (For model SJIII 3215 with serial number 10004228 & Below) (For model SJIII 3219 with serial number 22148381 & Below)
K1	156251	1	KIT, Bearing and seal
K2	156252	1	KIT, Brake stack
K3	156253	1	KIT, O-ring

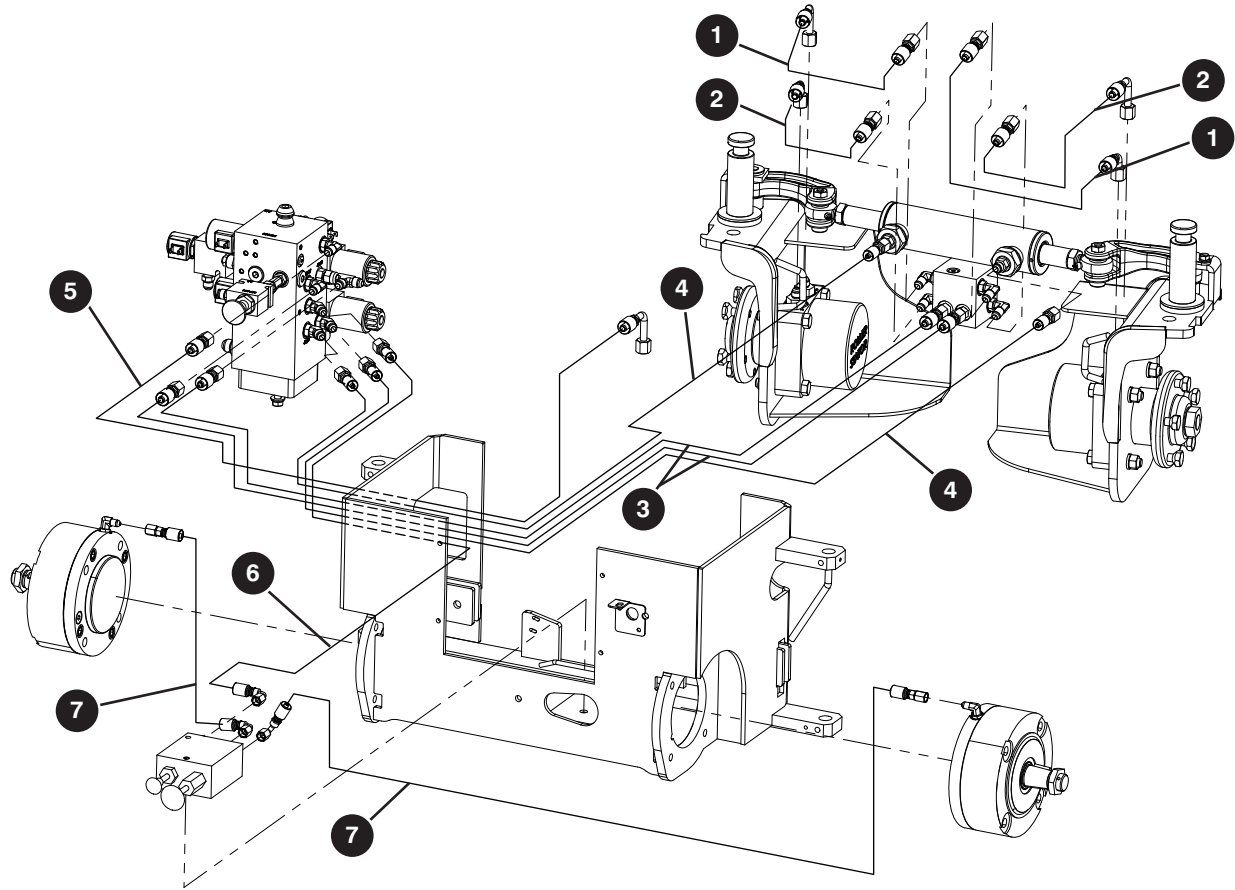
3.10 Free-Wheeling Manifold Assembly



M138021AC

Index No.	Skyjack Part No.	Qty.	Description
-	138021	1	FREE-WHEELING MANIFOLD ASSEMBLY
1	139307	1	• MANIFOLD BLOCK, Steer
2	103136	1	• VALVE, Manual needle
3	137616	2	• BOLT, Hex head - 1/4"-20 x 3-3/4", Gr. 5
4	103980	2	• NUT, Hex head - 1/4"-20, Gr. 5
5	104000	2	• WASHER, Lock - 1/4"
6	103995	2	• WASHER, Flat - 1/4"
7	121250	1	• FITTING, Plug - 04 ORBM
8	147656	1	• ORIFICE - 0.024"
9	114578	4	• FITTING, Elbow - 06 JICM - 06 ORBM
10	103069	2	• FITTING, Straight - 06 JICM - 06 ORBM

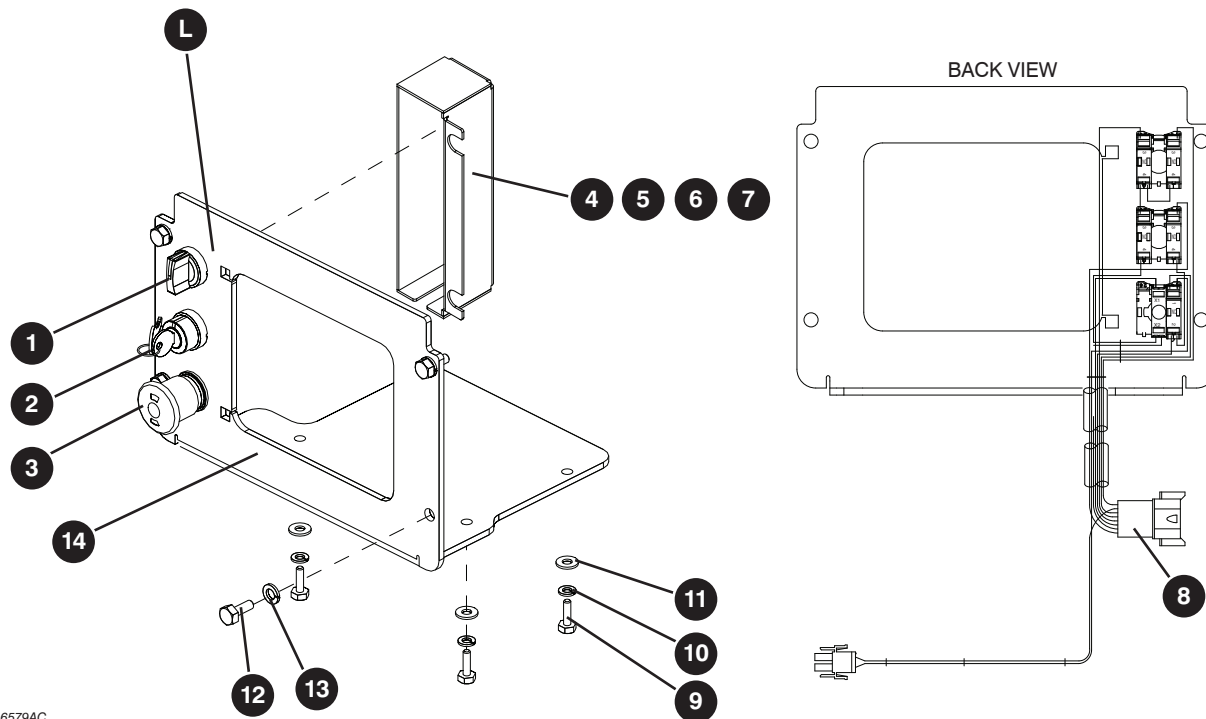
3.11 Hydraulic Hose Connections



M154969AA

Index No.	Skyjack Part No.	Qty.	Description
1	138003	2	HOSE, Hydraulic (3/8" x 21.25")
2	137974	2	HOSE, Hydraulic (3/8" x 19.75")
3	129492	2	HOSE, Drive (3/8" x 82")
4	110697	2	HOSE, Steering (1/4" x 82")
5	130551	1	HOSE, Lift cylinder
6	155712	1	HOSE, Brake manifold (1/4" x 28")
7	155711	2	HOSE, Brake manifold (1/4" x 15")

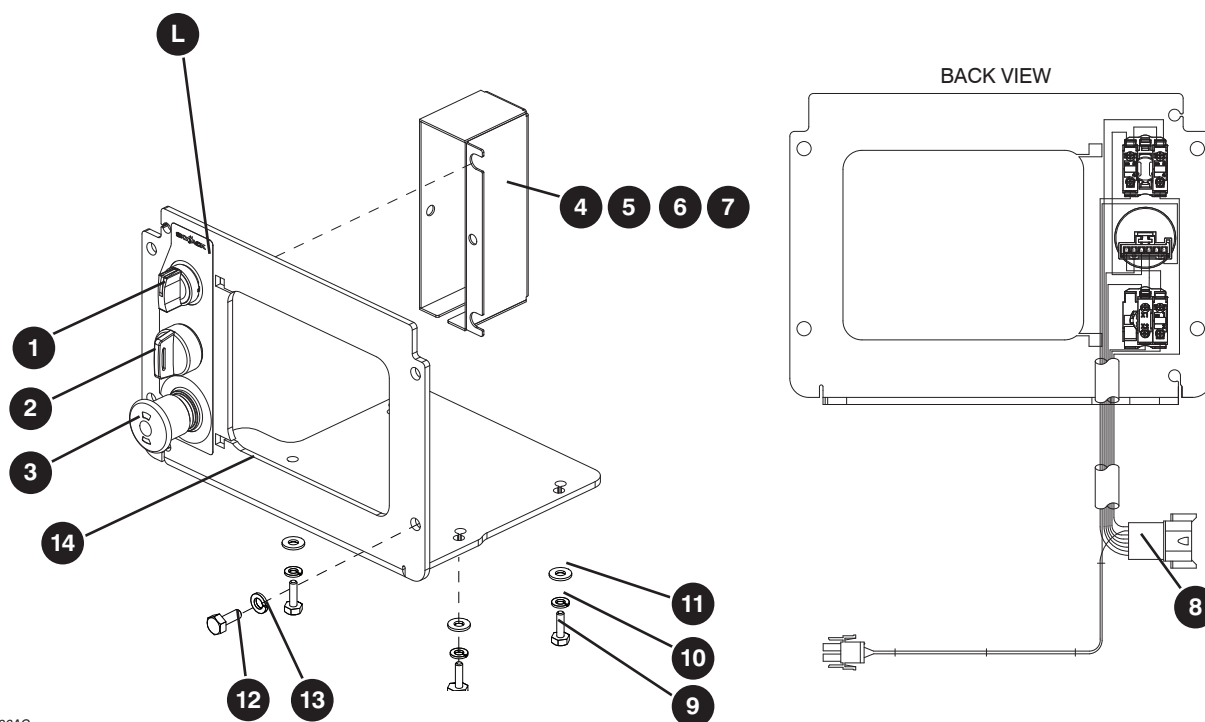
3.12 Base Control Console Hardware A



M146579AC

Index No.	Skyjack Part No.	Qty.	Description
-	146586	1	BASE CONTROL CONSOLE ASSEMBLY (For Model SJIII 3215 with serial number 10001530 & Below) (For Model SJIII 3219 with serial number 22093109 & Below)
1	(Ref.)	-	• ASSEMBLY, Switch - Selector (For components, refer to Section 3.14 Base Control Harness and Switches A)
2	(Ref.)	-	• ASSEMBLY, Switch - Key Switch (For components, refer to Section 3.14 Base Control Harness and Switches A)
3	(Ref.)	-	• ASSEMBLY, Switch - Emergency Stop (For components, refer to Section 3.14 Base Control Harness and Switches A)
4	132616	1	• COVER, Base switch
5	103984	2	• NUT, Hex nylon lock (5/16"-18)
6	103996	2	• WASHER, Flat (5/16" S.A.E.)
7	133216	2	• BOLT, Carriage (5/16"-18)
8	(Ref.)	-	• HARNESS, Base control console (For components, refer to Section 3.14 Base Control Harness and Switches A)
L	(Ref.)	-	• LABELS (For components, refer to Section 8.1 Label Kit)
9	103856	4	BOLT, Hex head (1/4"-20 x 3/4", Gr. 5)
10	103995	4	WASHER, Flat (1/4")
11	104000	4	WASHER, Lock (1/4")
12	103887	4	BOLT, Hex head (5/16"-18 x 3/4", Gr. 5)
13	103404	4	WASHER, Lock (5/16" NOM x 0.07)
14	127465	1	TRAY, Battery charger

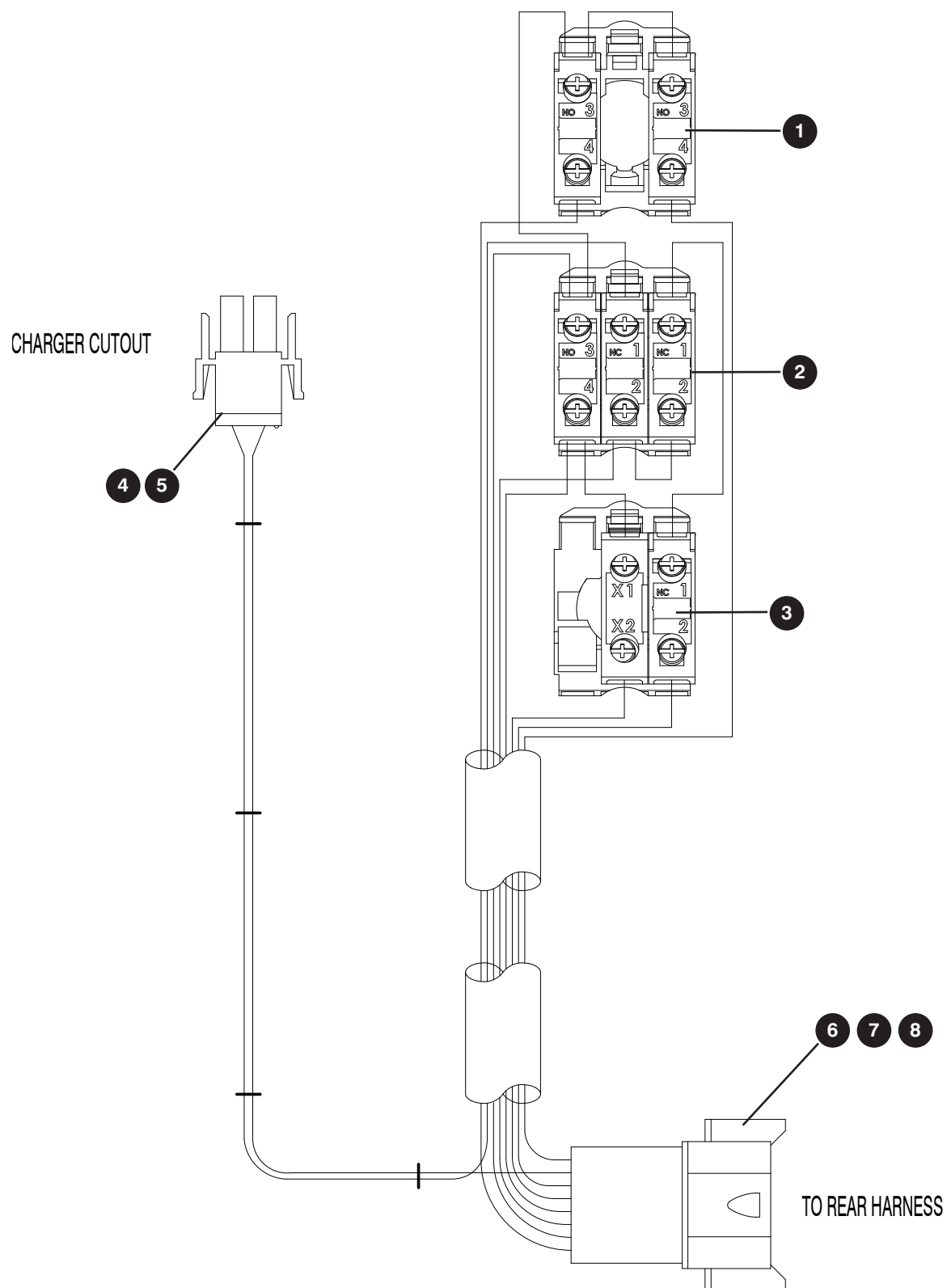
3.13 Base Control Console Hardware B



M146586AC

Index No.	Skyjack Part No.	Qty.	Description
-	208707	1	BASE CONTROL CONSOLE ASSEMBLY (For Model SJIII 3215 with serial number 10001531 & Above) (For Model SJIII 3219 with serial number 22093110 & Above)
1	(Ref.)	-	• ASSEMBLY, Switch - Selector (For components, refer to Section 3.15 Base Control Harness and Switches B)
2	(Ref.)	-	• ASSEMBLY, Switch - Key Switch (For components, refer to Section 3.15 Base Control Harness and Switches B)
3	(Ref.)	-	• ASSEMBLY, Switch - Emergency Stop (For components, refer to Section 3.15 Base Control Harness and Switches B)
4	195650	1	• COVER, Base switch
5	103984	2	• NUT, Hex nylon lock (5/16"-18)
6	103996	2	• WASHER, Flat (5/16" S.A.E.)
7	133216	2	• BOLT, Carriage (5/16"-18)
8	(Ref.)	-	• HARNESS, Base control console (For components, refer to Section 3.15 Base Control Harness and Switches B)
L	(Ref.)	-	• LABELS (For components, refer to Section 8.1 Label Kit)
9	103856	4	BOLT, Hex head (1/4"-20 x 3/4", Gr. 5)
10	103995	4	WASHER, Flat (1/4")
11	104000	4	WASHER, Lock (1/4")
12	103887	4	BOLT, Hex head (5/16"-18 x 3/4", Gr. 5)
13	103404	4	WASHER, Lock (5/16" NOM x 0.07)
14	195604	1	TRAY, Battery charger

3.14 Base Control Harness and Switches A



M149686AB

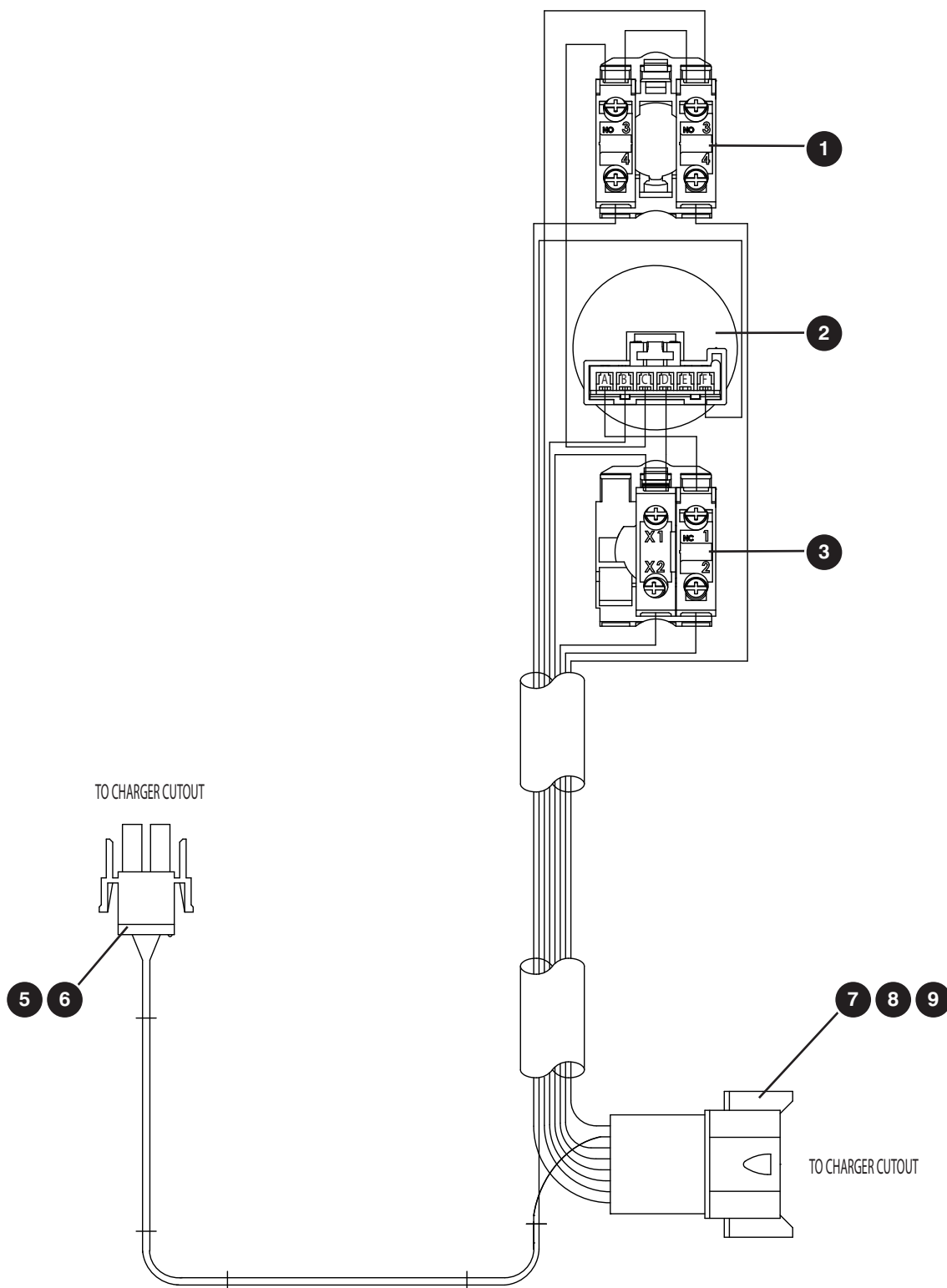
165969AL

SJIII 3215 SJIII 3219

3.14 Base Control Harness and Switches A

Index No.	Skyjack Part No.	Qty.	Description
-	149686	1	HARNESS, Base control switch (For Model SJIII 3215 with serial number 10001530 & Below) (For Model SJIII 3219 with serial number 22093109 & Below)
1	194747	-	• ASSEMBLY, Switch - Selector
	147069	1	• • SWITCH HEAD, Selector (lower/raise)
	147056	1	• • LATCH
	147054	2	• • BLOCK, N.O. contact
2	194748	-	• ASSEMBLY, Key Switch
	147057	1	• • SWITCH HEAD, Selector key (off/platform/base)
	147056	1	• • LATCH
	147053	2	• • BLOCK, N.C. contact
	147054	1	• • BLOCK, N.O. contact
	138137	2	• • KEY, #455
3	194749	-	• ASSEMBLY, Switch - Emergency stop
	147051	1	• • SWITCH HEAD, Emergency stop
	147056	1	• • LATCH
	147053	1	• • BLOCK, N.C. contact
	147061	1	• • LED BLOCK, 24V (red)
4	116990	2	• PIN, Female wire
5	116992	1	• HOUSING PLUG, Male (2 pin)
6	117584	1	• CONNECTOR, Wedge (8 pin)
7	117590	8	• CONNECTOR, Contact pin (16-18)
8	117582	1	• RECEPTACLE (8 pin)

3.15 Base Control Harness and Switches B



M195827AA-1

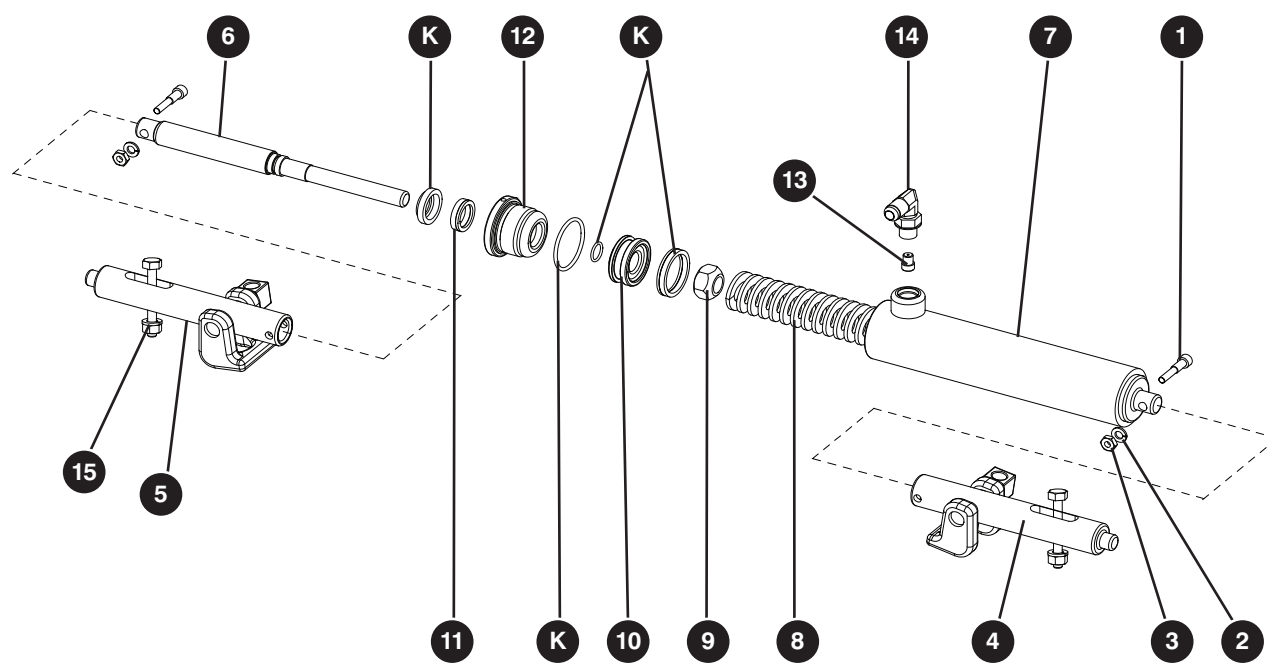
165969AL

SJIII 3215 SJIII 3219

3.15 Base Control Harness and Switches B

Index No.	Skyjack Part No.	Qty.	Description
-	195827	1	HARNESS, Base Control Switch (For Model SJIII 3215 with serial number 10001531 & Above) (For Model SJIII 3219 with serial number 22093110 & Above)
1	194747	-	• ASSEMBLY, Switch - Selector
	147069	1	• • SWITCH HEAD, Selector (Lower/Raise)
	147056	1	• • LATCH
	147054	2	• • BLOCK, N.O. contact
2	213698	1	• ASSEMBLY, Key Switch
	213700	1	• • HEAD, Key Switch - 3 Way (Off/Platform/Base)
	138138	1	• • BOOT, Key switch
	138137	2	• • KEY, #455
	138136	1	• • NUT, Key switch
3	194749	-	• ASSEMBLY, Switch - Emergency stop
	147051	1	• • SWITCH HEAD, Emergency stop
	147056	1	• • LATCH
	147053	1	• • BLOCK, N.C. contact
	147061	1	• • LED BLOCK, 24V (red)
4	121050	5	• FERRULE, 16GA Red
5	116990	2	• PIN, Female wire
6	116992	1	• HOUSING PLUG, Male (2 pin)
7	117584	1	• CONNECTOR, Wedge (8 pin)
8	117590	8	• CONNECTOR, Contact pin (16-18)
9	117582	1	• RECEPTACLE (8 pin)

3.16 Brake Cylinder Assembly

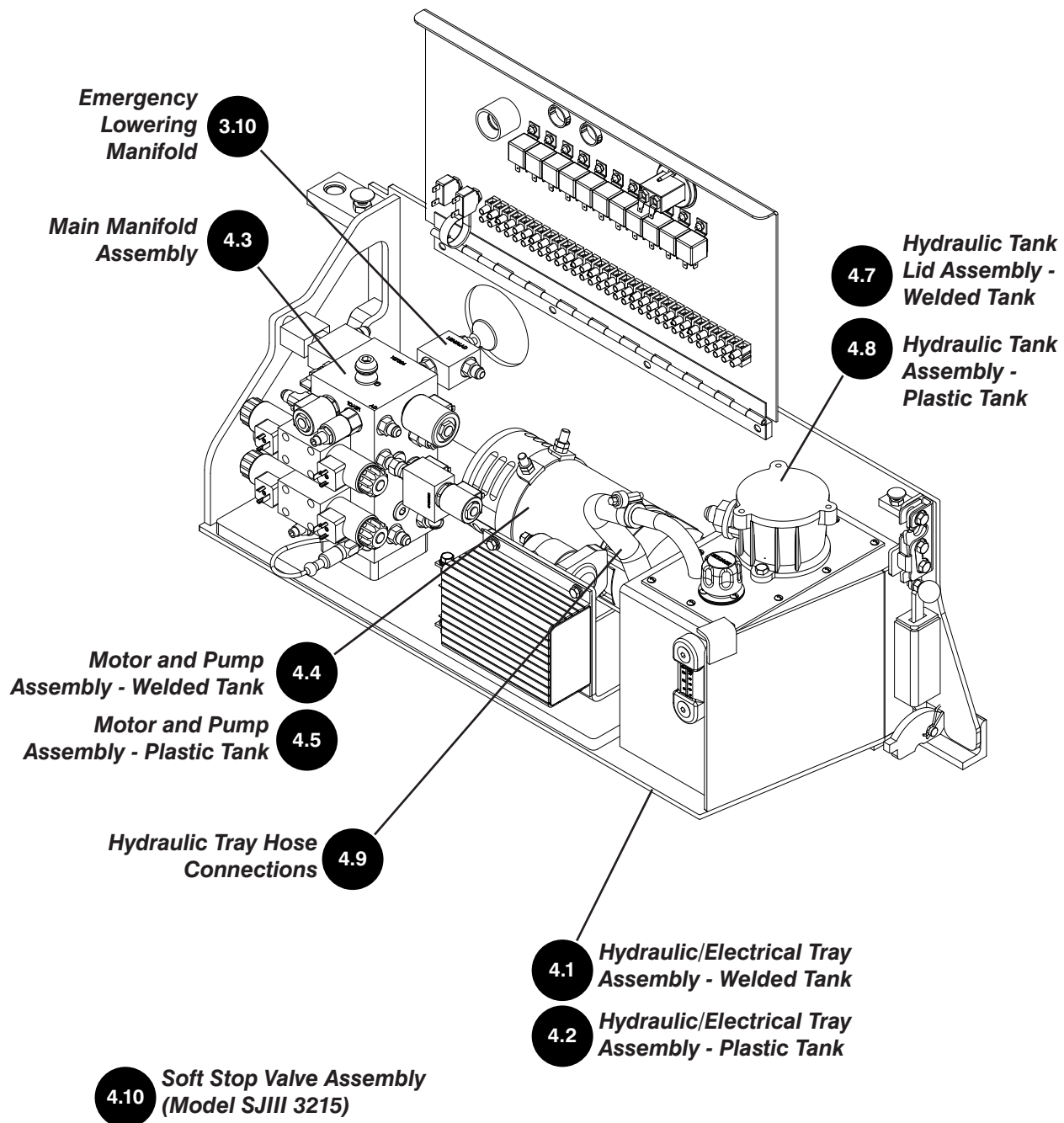


3.16 Brake Cylinder Assembly

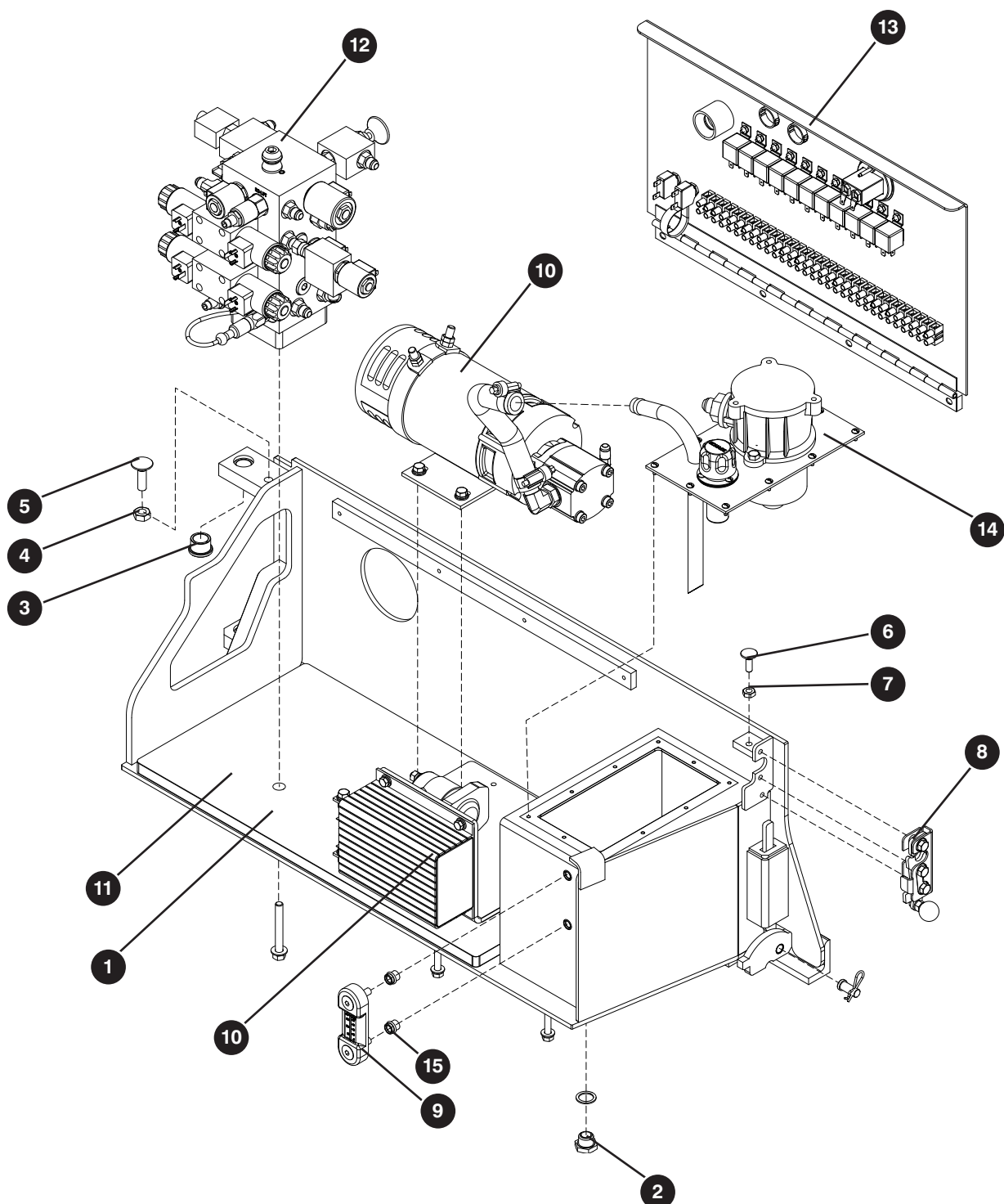
Index No.	Skyjack Part No.	Qty.	Description
-	127900	-	BRAKE CYLINDER ASSEMBLY
1	159801	2	• SCREW, Socket head cap (zinc, 1/4"-20 x 1.25")
2	104000	2	• WASHER, Lock (1/4")
3	103983	3	• NUT, Hex head jam (1/4"-20, Gr. 5)
4	128187	1	• BRAKE PIN ASSEMBLY (Left hand)
5	128186	1	• BRAKE PIN ASSEMBLY (Right hand)
-	151732	1	• CYLINDER, Brake
6	127677	1	• • ROD, Brake
7	127668	1	• • WELDMENT, Barrel
8	128158	1	• • SPRING, Brake cylinder
9	103830	1	• • NUT, Crownlock (5/8"-11, Grade C)
10	121178	1	• • PISTON
11	103826	1	• • SEAL
12	120148	1	• • GLAND
13	130407	1	• • ORIFICE (3/8" OD x 0.051)
14	114578	1	• • ELBOW, (6-6 O-ring)
15	103884	2	BOLT, Hex head (5/16"-18 x 2.5", Gr. 5)
	103404	2	WASHER, Lock (5/16")
	100397	2	NUT, Hex head (5/16"-18, Gr. 5)
K	127153	1	KIT, Repair seal

 **Notes**

Section 4 – Hydraulic Tray Related Parts



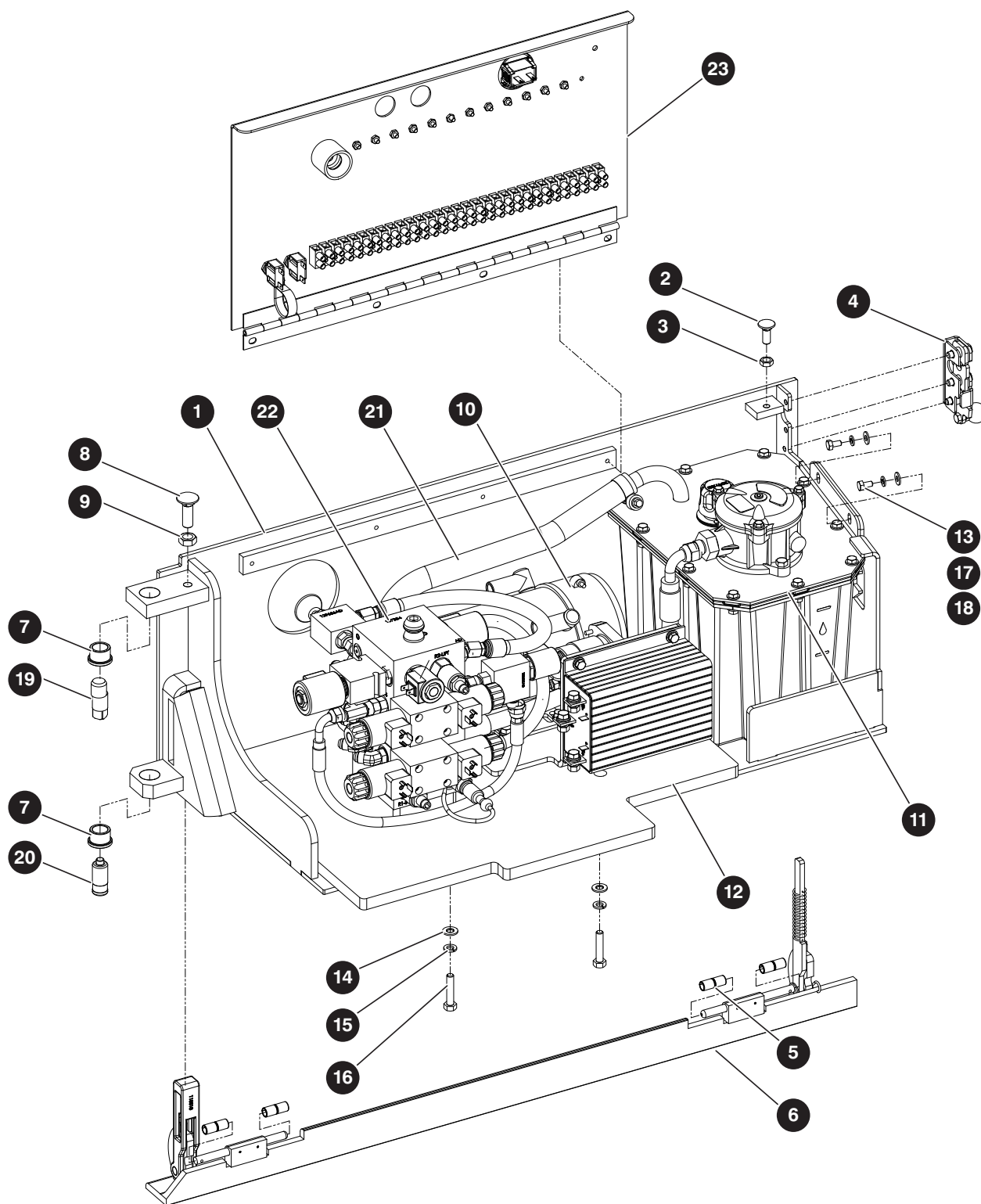
4.1 Hydraulic/Electrical Tray Assembly - Welded Tank



4.1 Hydraulic/Electrical Tray Assembly - Welded Tank

Index No.	Skyjack Part No.	Qty.	Description
A	163101	-	HYDRAULIC/ELECTRICAL TRAY ASSEMBLY (WELDED TANK)
1	132772	1	WELDMENT, Hydraulic tray
2	117701	1	THREAD STRAIGHT MAGNETIC PLUG ASSEMBLY
	149606	1	• PLUG, Thread straight magnetic
	120190	1	• SEAL, Drain plug
3	100335	2	BUSHING, Bronze
4	107949	1	NUT, Hex head jam - 1/2"-13, Gr. 5
5	125798	1	BOLT, Carriage - 1/2"-13 x 1.5", Gr. 5
6	111804	1	BOLT, Carriage - 3/8"-16 x 1", Gr. 5
7	108575	1	NUT, Hex head jam - 3/8"-16, Gr. 5
8	119609	1	ROTARY LATCH ASSEMBLY
	112307	1	• LATCH, Rotary
	103864	3	• BOLT, Hex head - 5/16"-18 x 1", Gr. 5
	103857	1	• BOLT, Hex head- 1/4"-20 x 1", Gr. 5)
	104000	1	• WASHER, Lock - 1/4"
	103980	1	• NUT, Hex head - 1/4"-20, Gr. 5
	111534	1	• KNOB, Latch
9	103236	1	GAUGE, Oil level
10	(Ref.)	-	MOTOR & PUMP ASSEMBLY (For components, refer to Section 4.4 Motor and Pump Assembly - Welded Tank)
11	132758	1	WEIGHT, Hydraulic tray
12	(Ref.)	-	MAIN MANIFOLD ASSEMBLY (For components, refer to Section 4.3 Main Manifold Assembly)
13	(Ref.)	-	ELECTRICAL PANEL ASSEMBLY (For components, refer to Section 6.1 Electrical Panel and Hardware Assembly)
14	(Ref.)	-	HYDRAULIC TANK LID ASSEMBLY (For components, refer to Section 4.7 Hydraulic Tank Lid Assembly - Welded Tank)
15	124311	2	INSERT, Threaded

4.2 Hydraulic/Electrical Tray Assembly - Plastic Tank



M196541AA

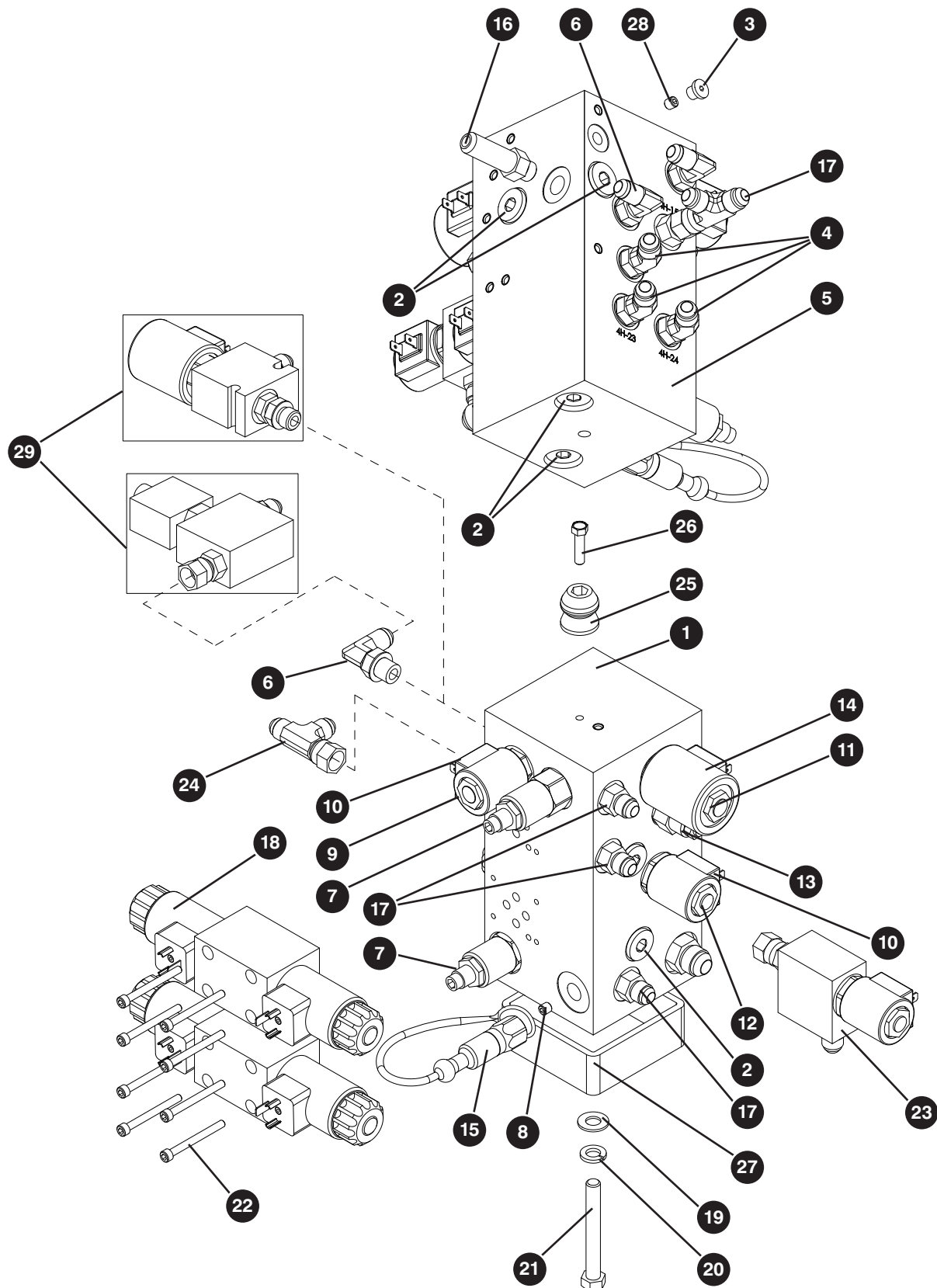
165969AL

SJIII 3215 SJIII 3219

4.2 Hydraulic/Electrical Tray Assembly - Plastic Tank

Index No.	Skyjack Part No.	Qty.	Description
B	196541	-	HYDRAULIC/ELECTRICAL TRAY GROUP (PLASTIC TANK)
-	196536	1	• HYDRAULIC TRAY SUB GROUP
1	196093	1	• • WELDMENT, Hydraulic Tray
2	111804	1	• • BOLT, Carriage - 3/8"-16 x 1", Gr. 5
3	108575	1	• • NUT, Hex Hd Jam - 3/8"-16, Gr. 5
4	119609	1	• • ROTARY LATCH ASSEMBLY
	112307	1	• • • LATCH, Rotary
	103864	3	• • • BOLT, Hex head - 5/16"-18 x 1", Gr. 5
	103857	1	• • • BOLT, Hex head - 1/4"-20 x 1", Gr. 5
	104000	1	• • • WASHER, Lock - 1/4"
	103980	1	• • • NUT, Hex Hd - 1/4"-20, Gr. 5
	111534	1	• • • KNOB, Latch
5	119316	8	• • BUSHING, Fibreglide
6	(Ref.)	-	• • POTHOLE PROTECTION ASSEMBLY (For components, refer to Section 3.2 Pothole Protection Device)
7	100335	2	• • BUSHING, Bronze
8	125798	1	• • BOLT, Carriage - 1/2"-13 x 1.5", Gr. 5
9	107949	1	• • NUT, Hex Hd Jam - 1/2"-13, Gr. 5
10	(Ref.)	-	• • MOTOR & PUMP ASSEMBLY (For components, refer to Section 4.5 Motor and Pump Assembly - Plastic Tank)
11	(Ref.)	-	• • PLASTIC HYDRAULIC TANK LID ASSEMBLY (For components, refer to Section 4.8 Hydraulic Tank Assembly - Plastic Tank)
12	196092	1	• • PLATE, WEIGHT - Tray Bottom
13	103855	2	• • BOLT, Hex Hd - 1/4"-20 x 1/2" Gr. 5
14	103996	2	• • WASHER, Flat - 5/16"
15	103404	2	• • WASHER, Lock - 5/16"
16	103886	2	• • BOLT, Hex Hd - 5/16"-18 x 1" Gr. 5
17	104000	2	• • WASHER, Lock - 1/4"
18	103995	2	• • WASHER, Flat - 1/4"
19	100446	1	• PIN, Eccentric
20	118983	1	• PIN, Bottom Tray
21	(Ref.)	-	• HOSE SUBGROUP (For components, refer to Section 4.9 Hydraulic Tray Hose Connections)
22	(Ref.)	-	• • MAIN MANIFOLD ASSEMBLY (For components, refer to Section 4.3 Main Manifold Assembly)
23	(Ref.)	-	ELECTRICAL PANEL ASSEMBLY (For components, refer to Section 6.1 Electrical Panel and Hardware Assembly)

4.3 Main Manifold Assembly



M163070AD

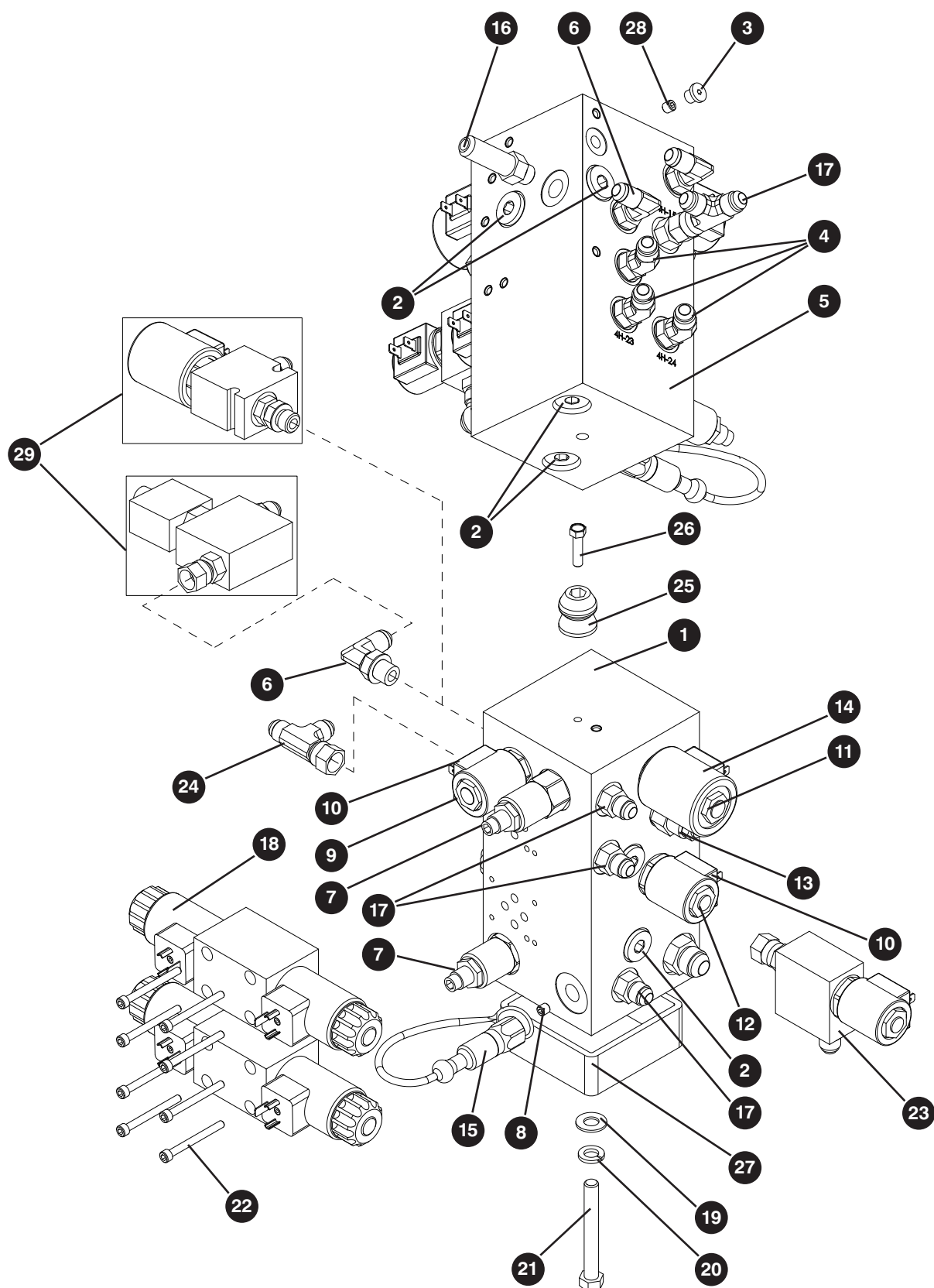
165969AL

SJIII 3215 SJIII 3219

4.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	163070	-	MAIN MANIFOLD ASSEMBLY
	163071	-	• MANIFOLD SUB-ASSEMBLY
1	107354	1	• • MANIFOLD BLOCK ASSEMBLY
2	104437	6	• • PLUG, O-ring (#6)
3	102856	1	• • PLUG, O-ring (#3)
4	114580	3	• • FITTING, Elbow 45° (06 JICM - 06 ORBM)
5	102659	1	• • FITTING, Straight (08 JICM - 08 ORBM)
6	114578	2	• • FITTING, Elbow 90° (06 JICM - 06 ORBM) (For Model SJIII 3215 with serial number 10001473 & Below) (For Model SJIII 3219 with serial number 22057772 & Above)
		1	• • FITTING, Elbow 90° (06 JICM - 06 ORBM) (For Model SJIII 3215 with serial number 10001474 & Above)
7	104534	2	• • VALVE, Relief
8	104419	1	• • PLUG (1/16 NPT)
9	103655	1	• • VALVE, Poppet solenoid cartridge
10	103605	2	• • VALVE, Solenoid (24 volt)
11	106273	1	• • VALVE, 3-Way spool
12	103623	1	• • VALVE, 3-Way spool
13	147888	1	• • VALVE, Counterbalance
14	105610	1	• • VALVE, Solenoid (24 volt)
15	122420	1	• • QUICK DISCONNECT ASSEMBLY
16	146997	1	• • FITTING, Straight LG (06 JICM - 06 ORBM)
17	103069	4	• • FITTING, Straight (06 JICM - 06 ORBM)
18	153334	2	• VALVE, Directional D03 spool (Drive & Steer)
	153335	1	• • COIL (24 volt)
19	103472	1	• WASHER, Flat (3/8")
20	103999	1	• WASHER, Lock (3/8")
21	125958	1	• BOLT, Hex head (3/8"-16 x 3.00", Gr. 5)
22	103920	8	• BOLT, Socket (#10-24 x 2)
			Parts list continued on the following page

4.3 Main Manifold Assembly



M163070AD

165969AL

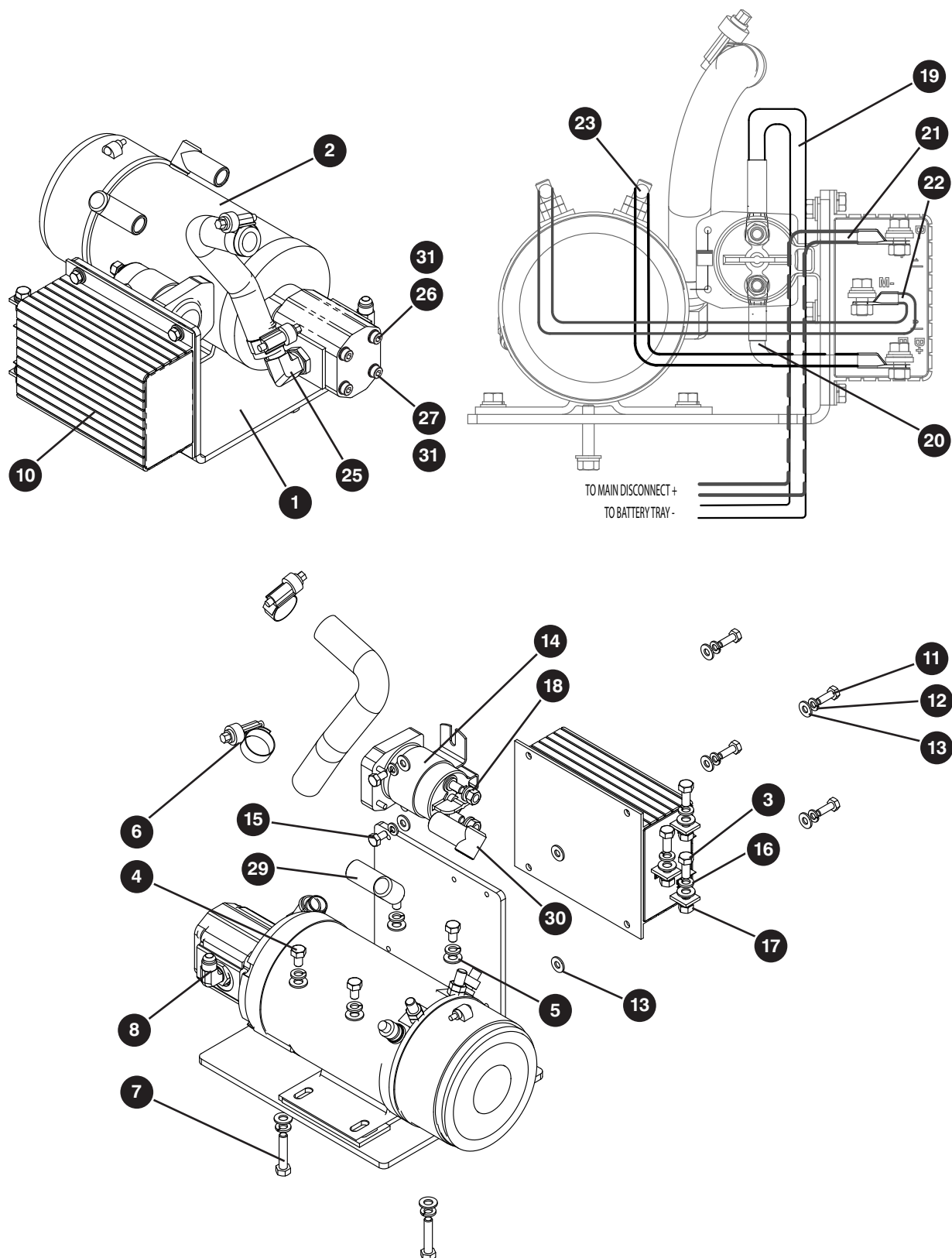
SJIII 3215 SJIII 3219

4.3 Main Manifold Assembly

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
23	128113	1	• MANIFOLD CUSHION VALVE ASSEMBLY
	103615	1	• • VALVE, Housing
	128056	1	• • FITTING, Tapped for orifice
	104132	1	• • VALVE, 2-Way spool
	103605	1	• • VALVE, Solenoid (24 volt)
	108002	1	• • ORIFICE (0.040")
	103322	1	• • FITTING, Straight (6 SAE -1/4 NPT)
24	103309	1	• FITTING, Tee swivel (06 JICM - 06 JICM - 06 JICFS)
25	125892	1	• BUMPER, Rubber male
26	112449	1	• SCREW, Hex head machine (1/4"-20 x 1")
27	129482	1	• SPACER, Main manifold
28	130046	1	ORIFICE (0.063 diameter) (Model SJIII 3219)
29	(Ref.)	1	ASSEMBLY, Valve - Soft Stop (Model SJIII 3215) (For components, refer to Section 4.7 Hydraulic Tank Lid Assembly - Welded Tank)

4.4 Motor and Pump Assembly - Welded Tank

WELDED TANK



M171363AA

165969AL

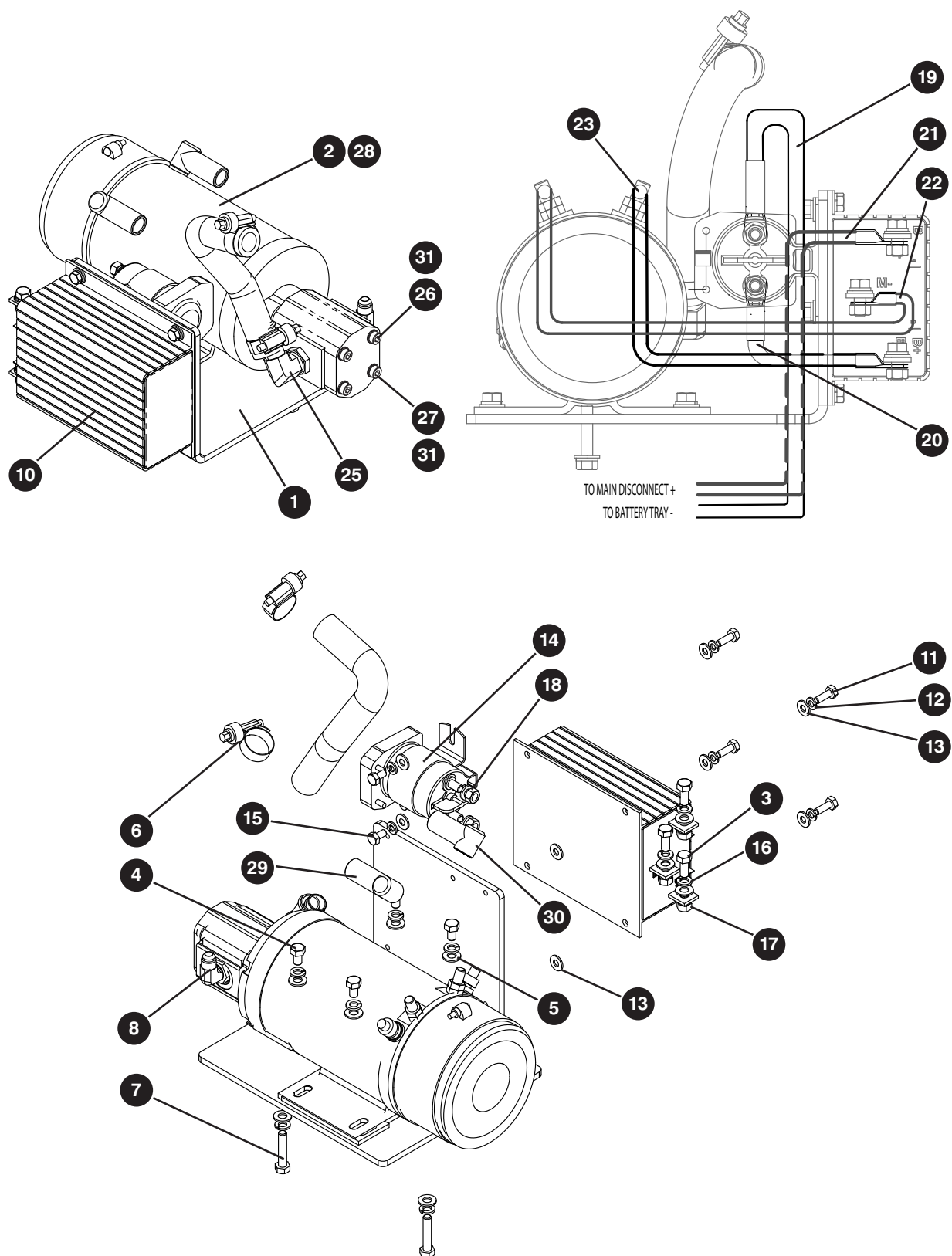
SJIII 3215 SJIII 3219

4.4 Motor and Pump Assembly - Welded Tank

Index No.	Skyjack Part No.	Qty.	Description
A	163072	-	MOTOR/PUMP ASSEMBLY - WELDED TANK (For Model SJIII 3215 with serial number 10001093 & Below) (For Model SJIII 3219 with serial number 22067617 & Below)
B	171363	-	MOTOR/PUMP ASSEMBLY - WELDED TANK (For Model SJIII 3215 with serial number 10001094 & Above) (For Model SJIII 3219 with serial number 22067618 & Above)
1	162972	1	PLATE, Motor mount
2	146166	1	PUMP/MOTOR UNIT (3.8 CC), A
	147663	1	• COUPLER
	147664	1	• MOTOR (24 volt, 4 HP)
	147661	1	• PUMP, Hydraulic
	161936	1	PUMP/MOTOR UNIT (3.59 CC), B
	169260	1	• MOTOR (24 VDC)
	169261	1	• PUMP, Hydraulic
3	103404	11	WASHER, Lock (5/16")
4	103845	4	BOLT, Hex head (5/16"-18 x 1/2", Gr. 5)
5	103996	9	WASHER, Flat (5/16")
6	114402	2	CLAMP, Worm (#12)
7	103886	2	BOLT, Hex head (5/16"-18 x 1.5", Gr. 5)
8	102665	1	FITTING, 90° (06 JICM - 08 ORBM)
9	163073	1	HOSE, Suction (3/4")
10	151207	1	CONTROLLER, Pump motor (24VDC - 360A)
11	103892	4	BOLT, Hex head (1/4"-20 x 5/8"), A
	103856	4	BOLT, Hex head (1/4"-20 x 3/4"), B
12	104000	6	WASHER, Lock (1/4")
13	103995	10	WASHER, Flat (1/4")
14	165865	1	SOLENOID SWITCH (CONTACTOR KIT)
	146475	1	• MOTOR CONTACTOR
	164671	1	• MOTOR CONTACTOR WIRE KIT
	104003	2	• NUT, Machine (#10-32)
	104185	2	• WASHER, Lock (#10)
Parts list continued on the following page			

4.4 Motor and Pump Assembly - Welded Tank

WELDED TANK



M171363AA

165969AL

90

SJIII 3215 SJIII 3219

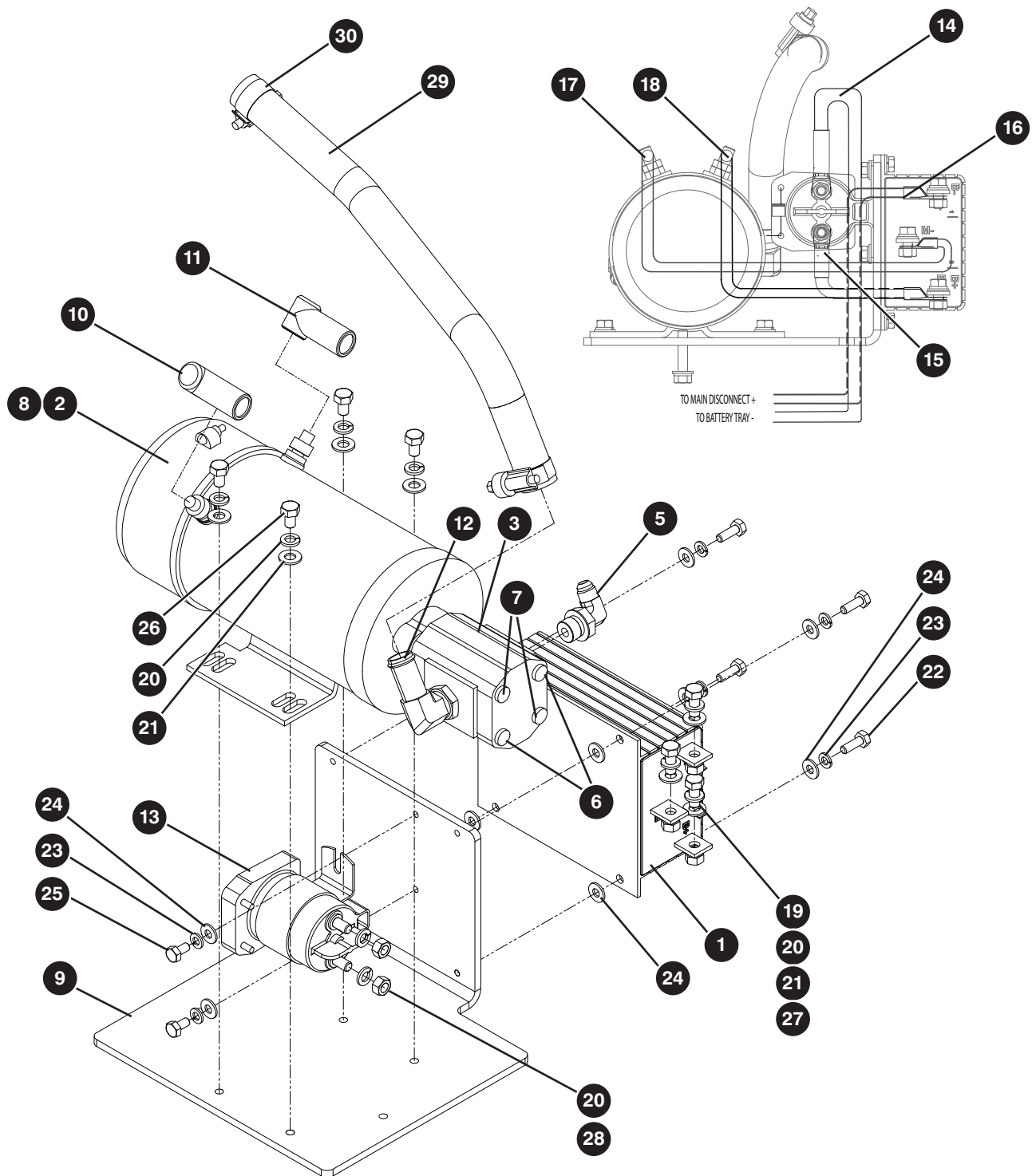
SKYJACK

4.4 Motor and Pump Assembly - Welded Tank

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
15	103885	2	BOLT, Hex head (5/16"-18 x 3/4", Gr. 5)
16	103887	3	BOLT, Hex head (5/16"-18 x 3/4", Gr. 5)
17	100397	3	NUT, Hex head (5/16"-18, Gr. 5)
18	156844	2	NUT, Hex head (5/16"-24, Gr. 5)
	163074	1	KIT, Power cable
19	(Ref.)	-	CABLE ASSEMBLY (Main disconnect switch to main contactor) (For components, refer to Section 4.4 Motor and Pump Assembly - Welded Tank)
20	122425	1	CABLE ASSEMBLY (Main contactor to motor controller)
21	(Ref.)	-	CABLE ASSEMBLY (Battery negative to motor controller) (For components, refer to Section 4.4 Motor and Pump Assembly - Welded Tank)
22	163075	1	CABLE ASSEMBLY (Pump motor to motor controller)
23	163076	1	CABLE ASSEMBLY (Pump motor to motor controller)
24	169535	1	KIT, Seal repair (Not Shown), B
25	144058	1	FITTING, 90° (12 BEAD - 10 ORBM), B
26	169557	2	BOLT, Socket Head (M8 x 1.25 x 75 CL 8.8 ZN), B
27	169558	2	BOLT, Socket Head (M8 x 1.25 x 95 CL 12.9 ZN), B
28	169623	1	BRUSH KIT, B
29	117407	1	BOOT, Battery (Black), B
30	117408	1	BOOT, Battery (Red), B
31	933832	4	WASHER, Flat - M8 X 16 O.D.

4.5 Motor and Pump Assembly - Plastic Tank

PLASTIC TANK



M210056AB

165969AL

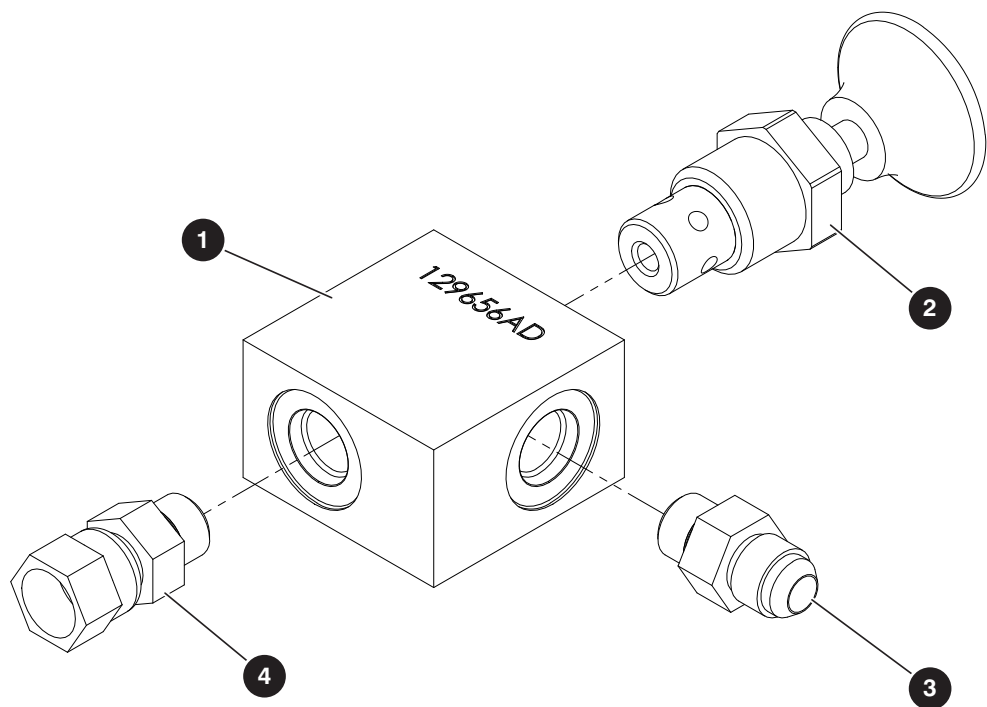
SJIII 3215 SJIII 3219

4.5 Motor and Pump Assembly - Plastic Tank

Index No.	Skyjack Part No.	Qty.	Description
C	210056	1	MOTOR/PUMP ASSEMBLY (PLASTIC TANK)
1	151207	1	• CONTROLLER, Pump Motor - 24VDC - 360A
-	161936	1	• PUMP/MOTOR UNIT - 3.59 CC
2	169260	1	• • MOTOR - 24 VDC
3	169261	1	• • PUMP, Hydraulic
4	169535	1	• • KIT, Seal repair (Not Shown)
5	144058	1	• • FITTING, 90° (12 BEAD - 10 ORBM)
6	169557	2	• • BOLT, Socket Hd - M8 x 1.25 x 75 CL 8.8 ZN
7	169558	2	• • BOLT, Socket Hd - M8 x 1.25 x 95 CL 12.9 ZN
8	169623	1	• • Brush Kit
9	162972	1	• PLATE, Motor Mount
10	117408	1	• BOOT, Battery (Red)
11	117407	1	• BOOT, Battery (Black)
12	102665	1	• FITTING, 90° (06 JICM - 08 ORBM)
13	165865	1	• SOLENOID SWITCH (CONTACTOR KIT)
	146475	1	• • MOTOR CONTACTOR
	164671	1	• • MOTOR CONTACTOR WIRE KIT
	104003	2	• • NUT, Machine - #10-32
	104185	2	• • WASHER, Lock - #10
-	163074	1	• KIT, Power Cable
14	(Ref.)	-	• • CABLE ASSEMBLY (Main disconnect switch to main contactor) (For components, refer to Section 5.1 Battery Tray Assembly)
15	120425	1	• • CABLE ASSEMBLY (Main contactor to motor controller)
16	(Ref.)	-	• • CABLE ASSEMBLY (Battery negative to motor controller) (For components, refer to Section 5.1 Battery Tray Assembly)
17	163075	1	• • CABLE ASSEMBLY (Pump motor to motor controller)
18	163076	1	• • CABLE ASSEMBLY (Pump motor to motor controller)
19	103887	3	• BOLT, Hex Hd - 5/16"-18 x 3/4", Gr. 5
20	103404	9	• WASHER, Lock - 5/16"
21	103996	7	• WASHER, Flat - 5/16"
22	103856	4	• BOLT, Hex Hd - 1/4"-20 x 3/4"
23	104000	6	• WASHER, Lock - 1/4"
24	103995	10	• WASHER, Flat - 1/4"
25	103855	2	• BOLT, Hex Hd - 1/4"-20 x 1/2", Gr. 5
26	103845	4	• BOLT, Hex Hd - 5/16"-18 x 1/2", Gr. 5
27	100397	3	• NUT, Hex Hd - 5/16"-18, Gr. 5
28	156844	2	• NUT, Hex Hd - 5/16"-24, Gr. 5
29	163073	1	HOSE, Suction - 3/4"
30	114402	2	CLAMP, Worm - #12

 **Notes**

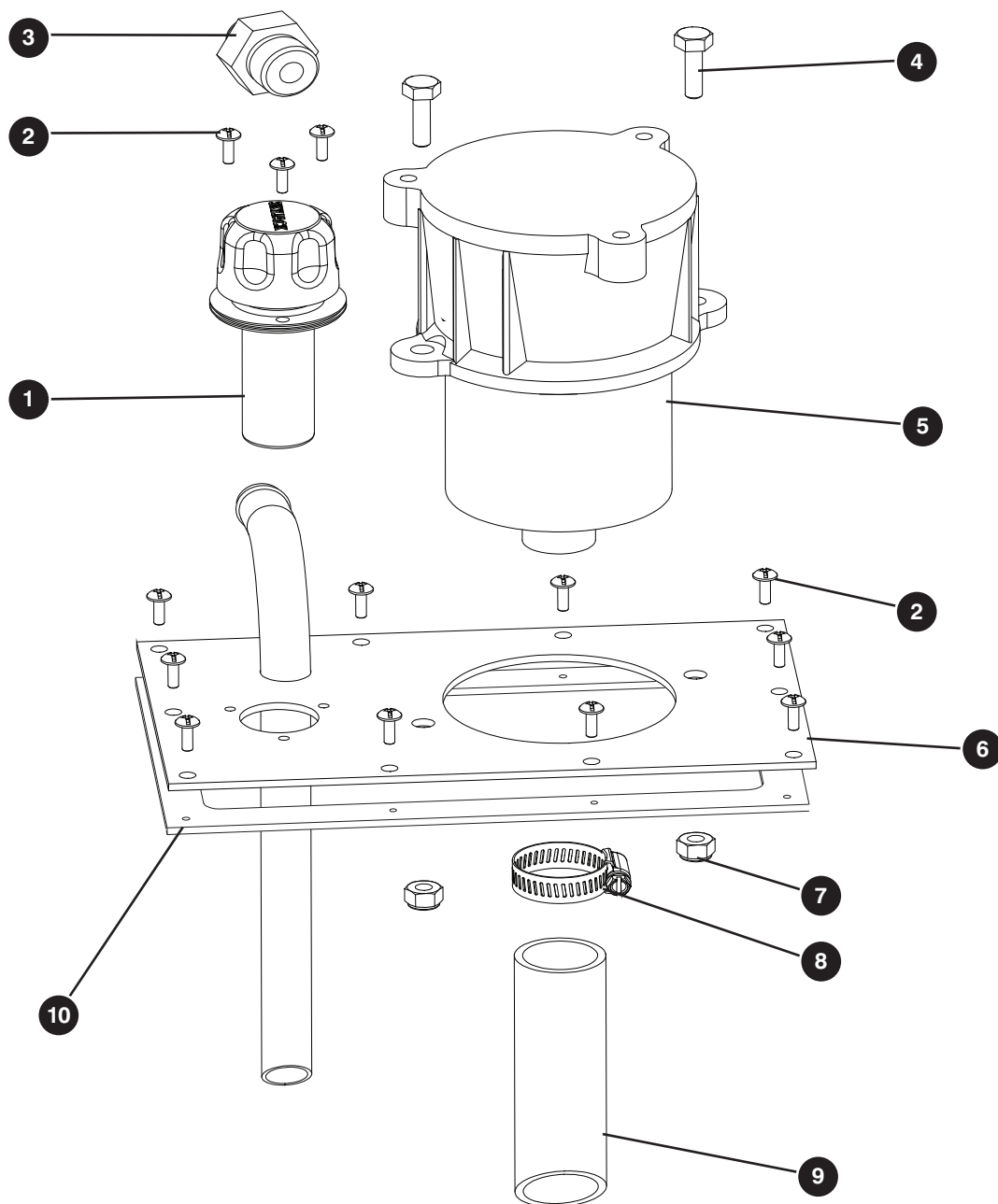
4.6 Emergency Lowering Manifold



M126761AC

Index No.	Skyjack Part No.	Qty.	Description
-	126761	1	EMEGERNCY LOWERING MANIFOLD
1	129656	1	• MANIFOLD, VC 10-2 Way
2	107271	1	• MANUAL, Directional Valve
3	103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
4	106498	1	• FITTING, Adapter (6 JIC - 6 SAE)

4.7 Hydraulic Tank Lid Assembly - Welded Tank



M127657AE

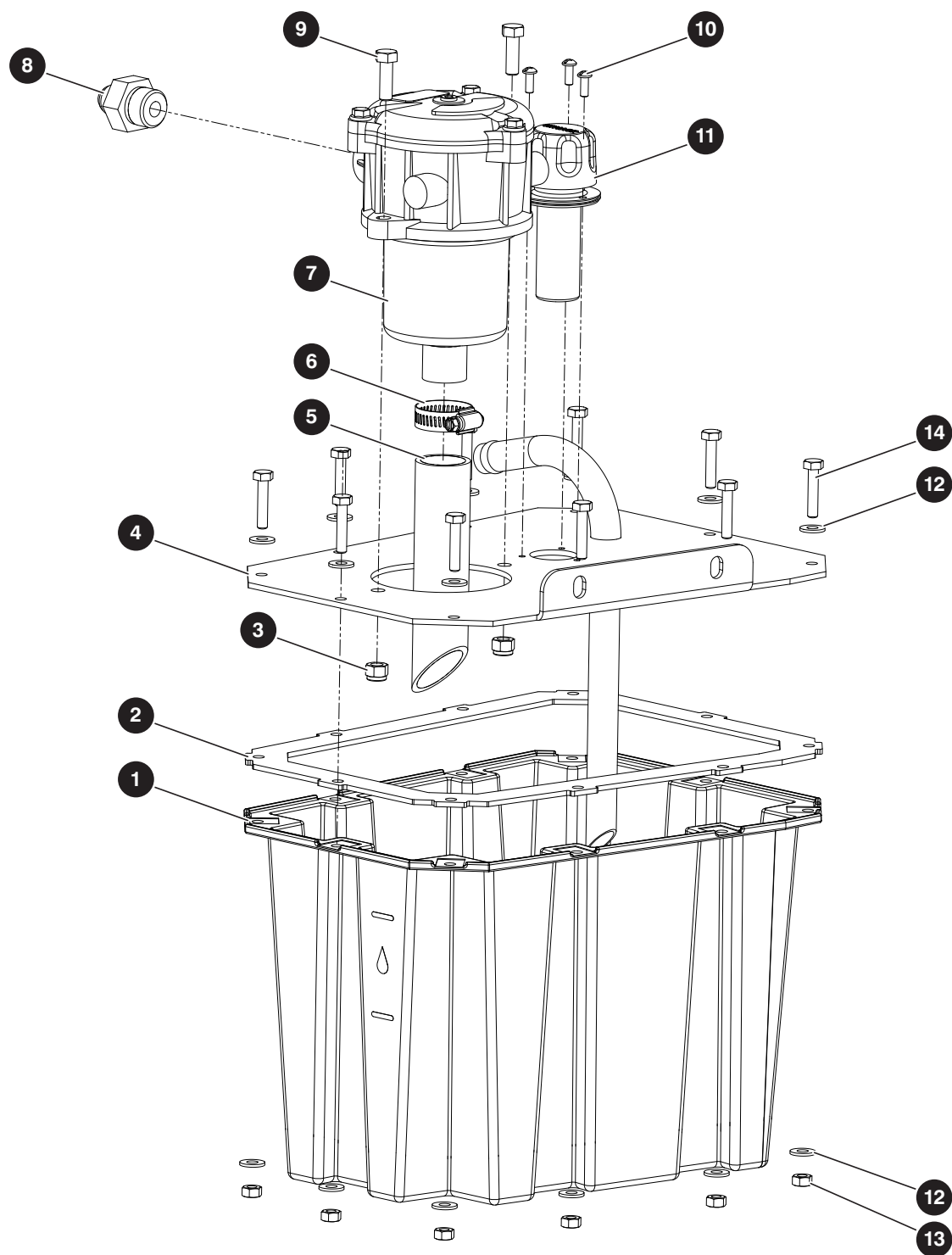
165969AL

SJIII 3215 SJIII 3219

4.7 Hydraulic Tank Lid Assembly - Welded Tank

Index No.	Skyjack Part No.	Qty.	Description
-	127567	1	TANK LID ASSEMBLY
1	102693	1	FILLER/CAP ASSEMBLY
2	103962	13	SCREW, Round head machine (#10-32 x 1/2")
3	105446	1	FITTING, Straight (08 JICM - 12 ORBM)
4	103864	2	BOLT, Hex head (5/16"-18 x 1", Gr. 5)
5	109568	1	RETURN FILTER ASSEMBLY
	104254	1	• ELEMENT, Filter
	123022	1	• SEAL, O-ring
	123021	1	• COVER
	123020	1	• SPRING
	122973	1	• CASTING, Aluminum
	121571	1	• SCREW, Set
	122969	3	• BOLT, Washer combined
	122968	1	• CASING, Filter
6	127554	1	WELDMENT, Tank lid
7	103984	2	NUT, Hex nylon lock (5/16"-18, Gr. 5)
8	103320	1	CLAMP, Gear (#16)
9	213140	1	HOSE, Filter to Tank
10	148299	1	GASKET, Hydraulic tank

4.8 Hydraulic Tank Assembly - Plastic Tank



M195810AE

165969AL

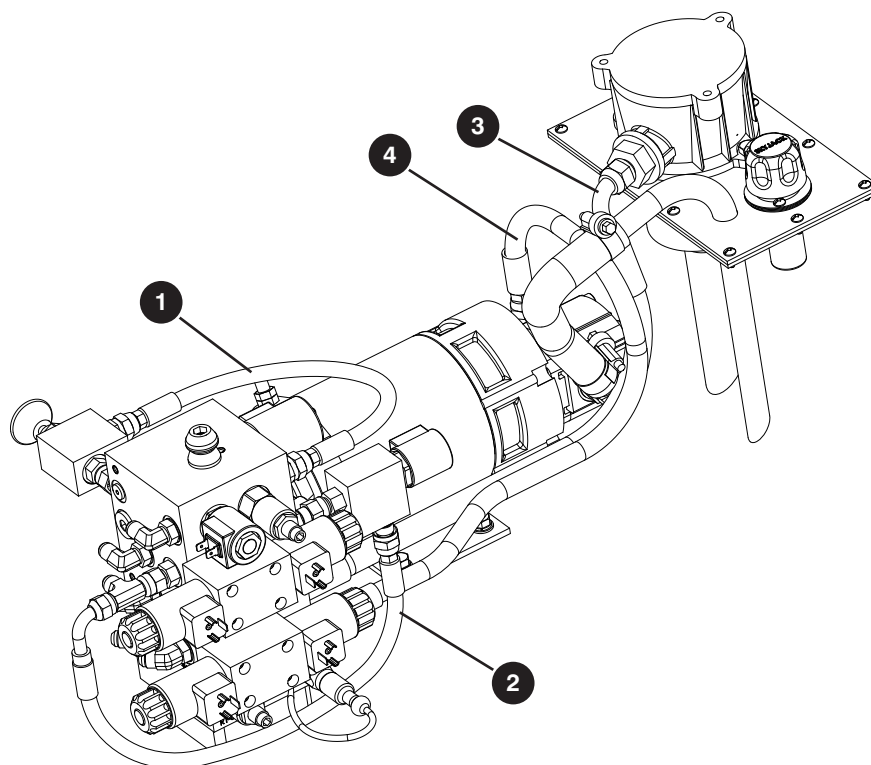
SJIII 3215 SJIII 3219

4.8 Hydraulic Tank Assembly - Plastic Tank

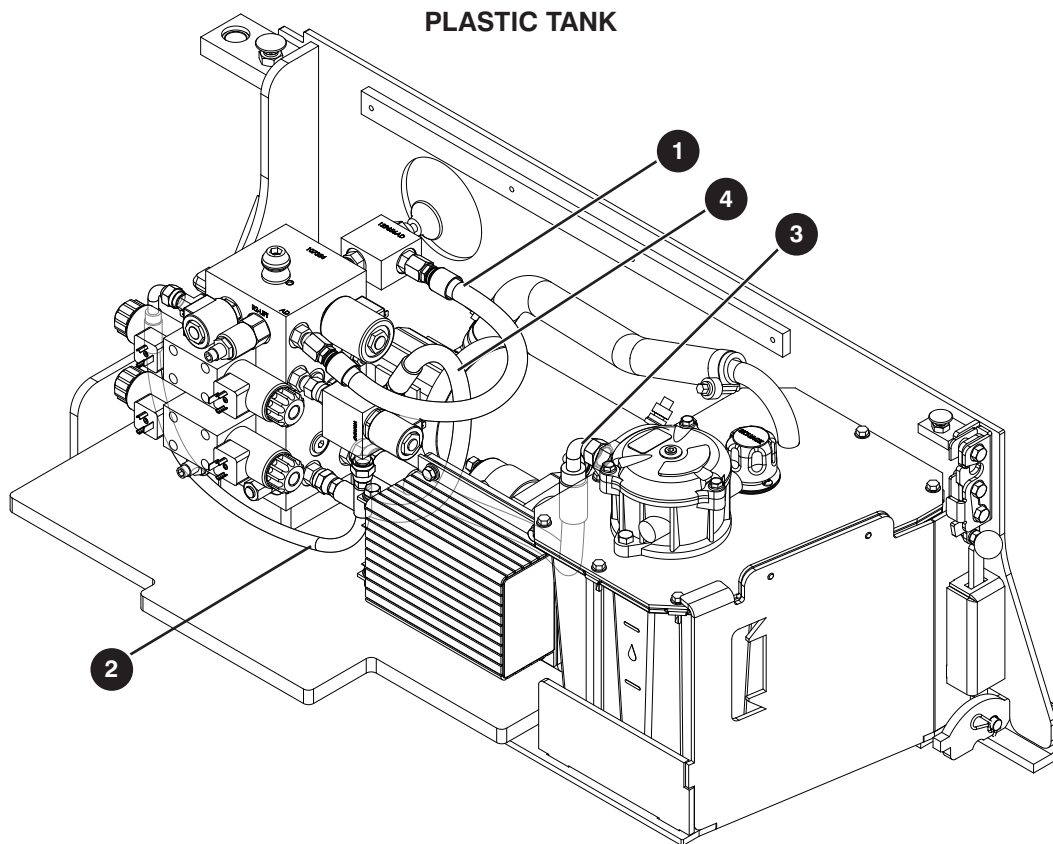
Index No.	Skyjack Part No.	Qty.	Description
-	195810	1	HYDRAULIC TANK ASSEMBLY
1	195811	1	• TANK, Hydraulic Plastic
2	195813	1	• GASKET, Hydraulic Tank
3	103984	2	• NUT, Hex Lock Nylon - 5/16"-18 Gr. 5
4	195814	1	• WELDMENT, Tank Lid
5	213140	1	• HOSE, Filter to Tank
6	103320	1	• CLAMP, Gear #16
7	109568	1	• FILTER ASSEMBLY, Hydraulic Oil
	104254	1	• • ELEMENT, Filter
	123022	1	• • SEAL, Filter assembly
	123021	1	• • COVER, Filter assembly
	123020	1	• • SPRING, Filter assembly
	122973	1	• • CASTING, Aluminum
	121571	1	• • SCREW, Set
	122969	1	• • BOLT, Washer combined
	122968	1	• • CASING, Filter
8	105446	1	• FITTING, Straight (08 JICM - 12 ORBM)
9	103864	2	• BOLT, Hex Hd - 5/16"-18 x 1", Gr. 5
10	103962	3	• SCREW, Round Hd Machine - #10-32 x 1/2"
11	102693	1	• FILLER CAP
12	103995	20	• WASHER, Flat - 1/4"
13	103980	10	• NUT, Hex Hd - 1/4"-20 Gr. 8
14	103858	10	• BOLT, Hex Hd - 1/4"-20 x 1-1/4" Gr. 5

4.9 Hydraulic Tray Hose Connections

WELDED TANK



PLASTIC TANK



M163068AA_M209438AB

165969AL

100

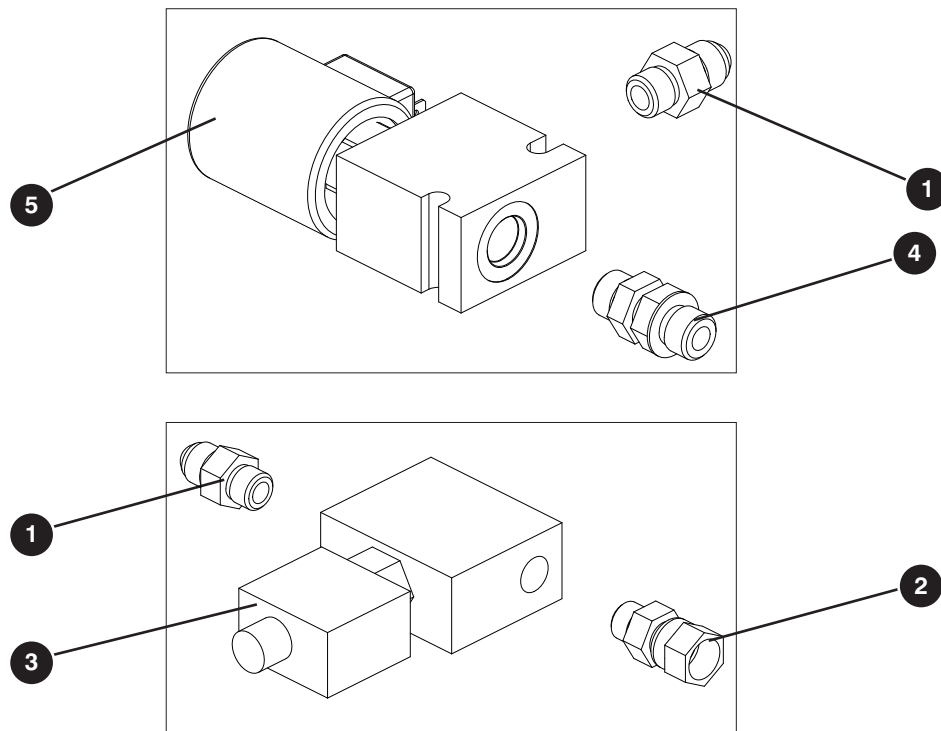
SJIII 3215 SJIII 3219

SKYJACK

4.9 Hydraulic Tray Hose Connections

Index No.	Skyjack Part No.	Qty.	Description
A	-	1	HYDRAULC TRAY HOSE ASSEMBLY (WELDED TANK)
B	-	1	HYDRAULC TRAY HOSE ASSEMBLY (PLASTIC TANK)
1	128169	1	HOSE, Hydraulic line - 1/4" diameter x 15"
2	108003	1	HOSE, Hydraulic line - 1/4" diameter x 16"
3	121854	1	HOSE, H06 - 1/2" / 100R17 x 18"
4	111949	1	HOSE, H01 - 3/8" / 100R17 x 26"

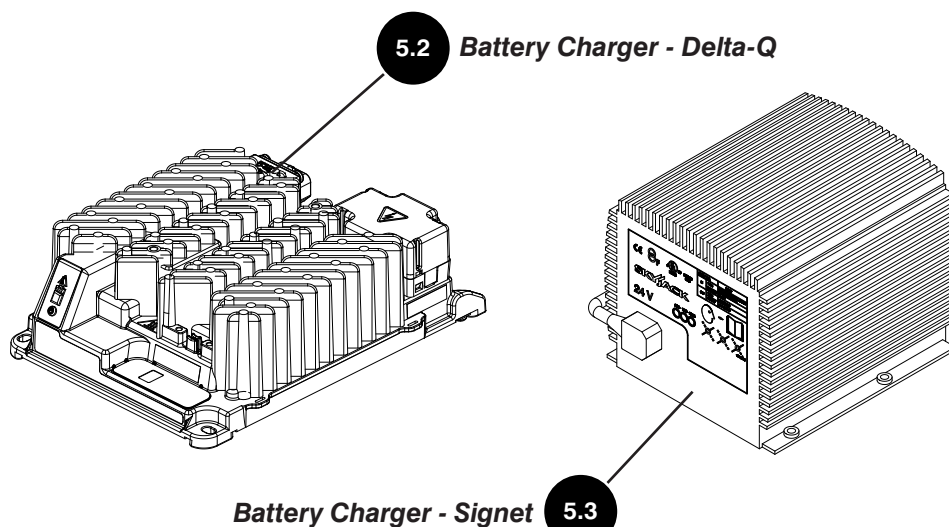
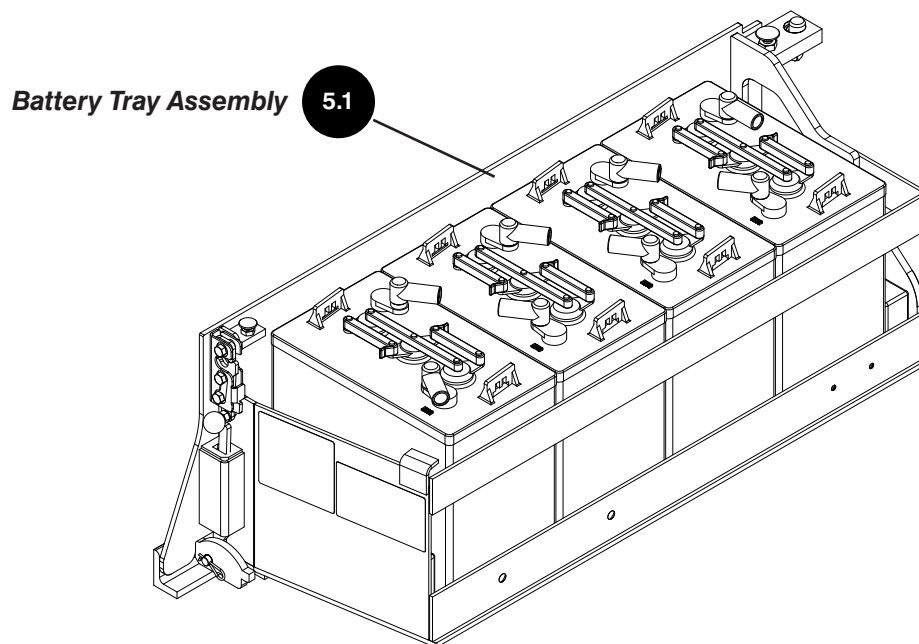
4.10 Soft Stop Valve Assembly (Model SJIII 3215)



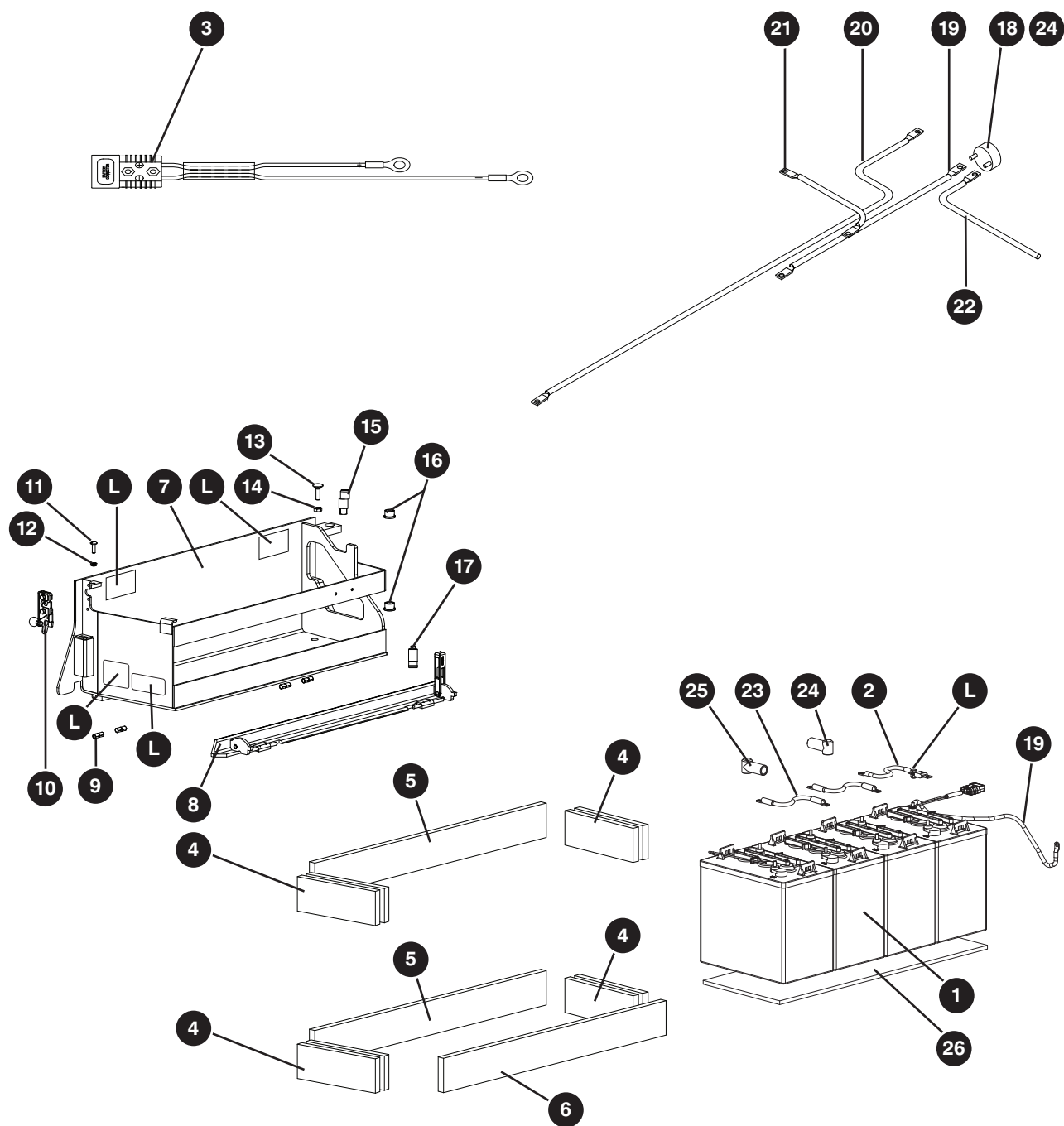
M136419AA_M199550AA

Index No.	Skyjack Part No.	Qty.	Description
A	136419	1	ASSEMBLY, Valve - Soft Stop (For Model SJIII 3215 with serial number 10001473 & Below)
B	199550	1	ASSEMBLY, Valve - Soft Stop (For Model SJIII 3215 with serial number 10001474 & Above)
1	103069	1	• FITTING, Straight (06 JICM - 06 ORBM)
2	106498	1	• FITTING, Adapter (6 JIC - 6 SAE), A
3	134822	1	• VALVE, Directional - N.O. (0.04" orifice), A
	137007	1	• • VALVE, Cartridge
	137006	1	• • COIL, 12V
	137008	1	• • MANIFOLD
4	122428	1	• FITTING, Straight (06 ORBM - 06 ORBM), B
5	199039	1	• VALVE, Soft Stop, B
	199098	1	• • VALVE, Cartridge
	105610	1	• • COIL (24V)
	199106	1	• • BODY, Valve (10 - 6T)
	199108	1	• • NUT, Coil

Section 5 – Battery Tray Related Parts



5.1 Battery Tray Assembly



M137264AB_8_CE

165969AL

104

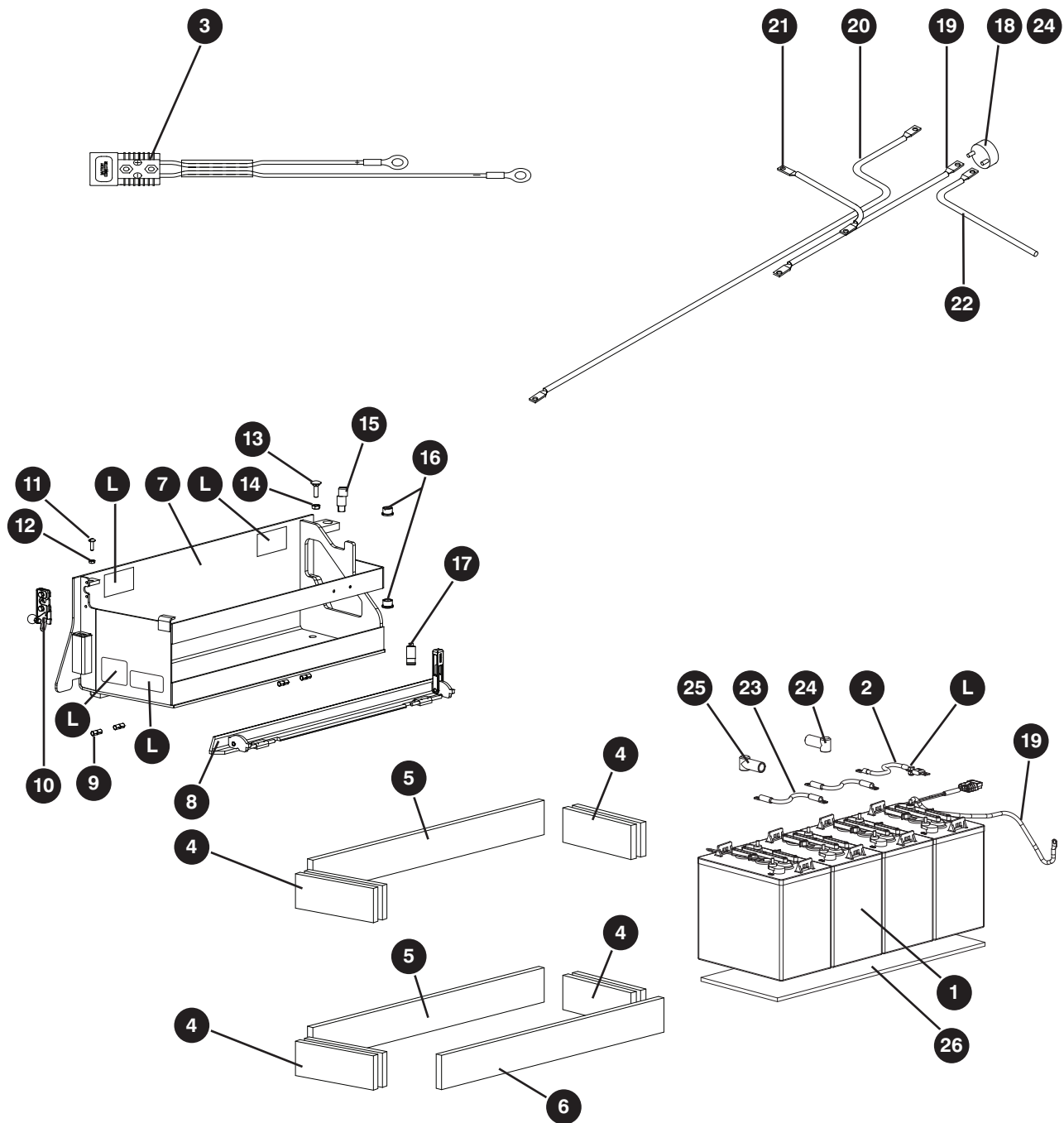
SJIII 3215 SJIII 3219

SKYJACK

Battery Tray Assembly

Index No.	Skyjack Part No.	Qty.	Description
A	137318	-	BATTERY OPTION U2200
B	129135	-	BATTERY OPTION U250
C	160943	-	BATTERY OPTION AGM
1	103480	4	• BATTERY, 6V, A
	106552	4	• BATTERY, 6V, B
	160933	4	• BATTERY, 6V, C
2	137243	1	• CABLE, Battery in-line fuse (300A), A, B
	310517		• FUSE (300 Amp)
	195691	1	• CABLE, Battery in-line fuse (300A), C
	310517		• • FUSE (300 Amp)
3	137262	1	• CONNECTOR ASSEMBLY
	103364	1	• • CONNECTOR, Battery (grey, 50 Amp)
	195191	1	• • • HOUSING, Grey - 50 Amp
	195192	1	• • • CONTACT, 10-12 Ga - 50 Amp
4	129633	4	• SPACER, Plywood (3/4" x 3-1/2" x 9-1/2")
5	129632	2	• SPACER, Plywood (3/4" x 3-1/2" x 32-1/4"), A, C (For Model SJIII 3215 with serial number 10004228 & Below) (For Model SJIII 3219 with serial number 22147701 & Below)
	129632	1	• SPACER, Plywood (3/4" x 3-1/2" x 32-1/4"), A, C (For Model SJIII 3215 with serial number 10004229 & Above) (For Model SJIII 3219 with serial number 22147702 & Above)
6	230210	1	• SPACER, Plywood (3/4" x 3-1/2" x 31"), A, C (For Model SJIII 3215 with serial number 10004229 & Above) (For Model SJIII 3219 with serial number 22147702 & Above)
7	137488	1	• BATTERY TRAY
8	(Ref.)	1	• POTHOLE PROTECTION DEVICE (For components, refer to Section 3.2 Pothole Protection Device)
9	(Ref.)	-	• BUSHING, Fibreglide (For components, refer to Section 3.2 Pothole Protection Device)
10	119608	1	• ROTARY LATCH ASSEMBLY
	112308	1	• • LATCH, Rotary
	103864	3	• • BOLT, Hex head (5/16"-18 x 1", Gr. 5)
	103857	1	• • BOLT, Hex head (1/4"-20 x 1", Gr. 5)
	104000	1	• • WASHER, Lock (1/4")
	103980	1	• • NUT, Hex head (1/4"-20, Gr. 5)
	111534	1	• • KNOB, Latch
			Parts list continued on the following page

5.1 Battery Tray Assembly



M137264AB_8_CE

165969AL

106

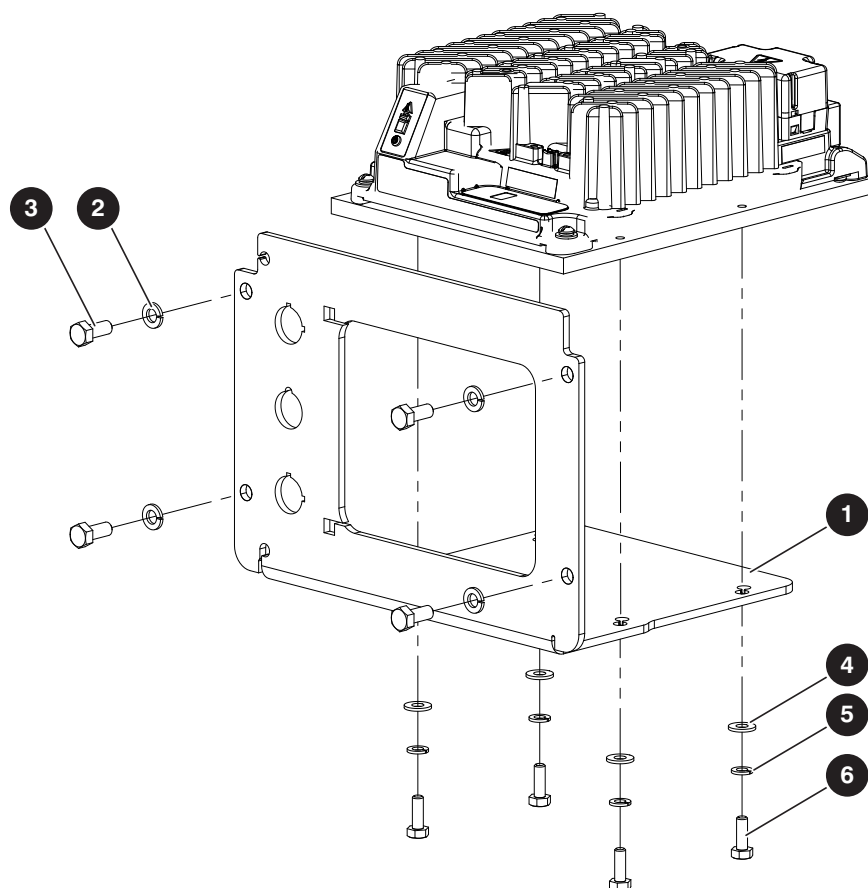
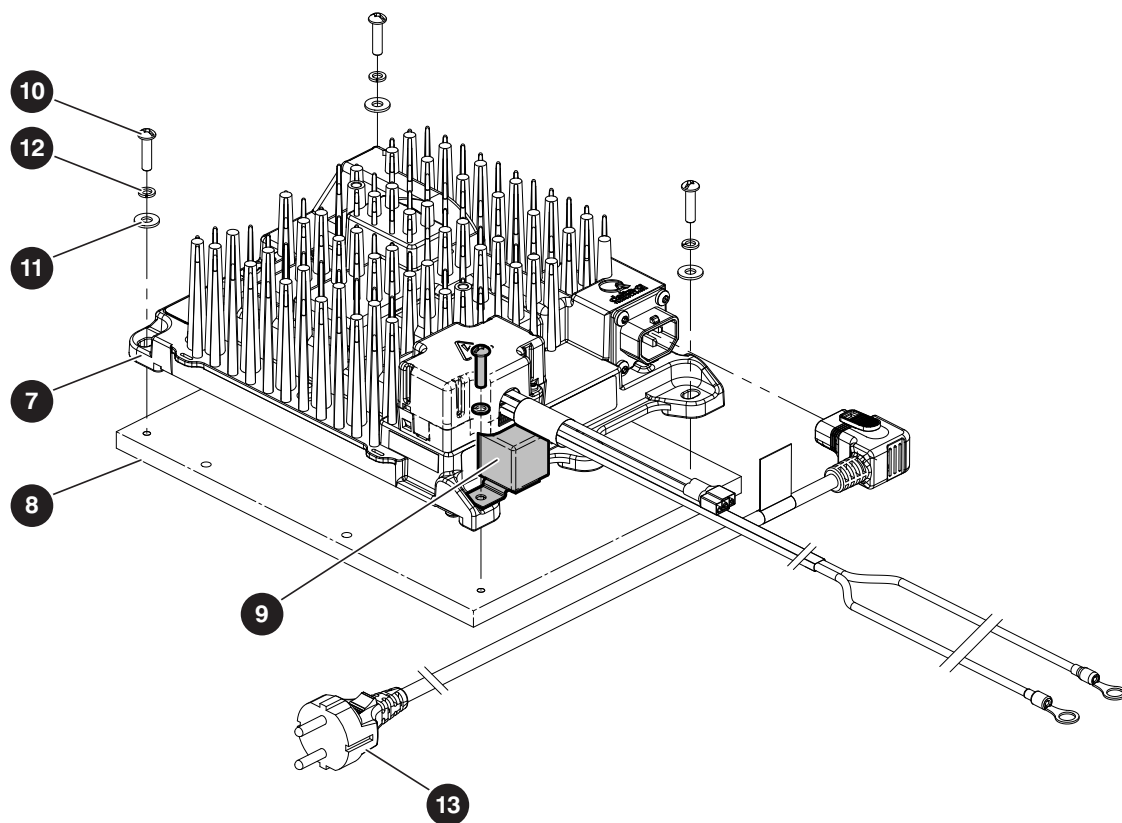
SJIII 3215 SJIII 3219

SKYJACK

5.1 Battery Tray Assembly

Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
11	111804	1	• BOLT, Carriage (3/8"-16 x 1", Gr. 5)
12	108575	1	• NUT, Hex head 3/8"-16, Gr. 5)
13	125798	1	• BOLT, Hex head (1/2"-13 x 1.5", Gr. 5)
14	107949	1	• NUT, Hex head jam (1/2"-13, Gr. 5)
15	(Ref.)	-	• PIN, Eccentric (For components, refer to Section 3.2 Pothole Protection Device)
16	100335	2	BUSHING, Bronze
17	(Ref.)	-	• PIN, Lower tray (For components, refer to Section 3.2 Pothole Protection Device)
18	(Ref.)	-	• SWITCH, Battery disconnect (For components, refer to Section 3.1 Base Assembly)
19	137263	1	• CABLE (#4 GA) (Main disconnect switch to battery)
20	124325	1	• CABLE ASSEMBLY (Battery negative to pump motor)
21	119547	1	• CABLE ASSEMBLY (Battery positive to fuse assembly)
22	143663	1	• CABLE ASSEMBLY (Main disconnect switch to main contactor)
23	120425	2	• CABLE, Battery jumper, A, B
	119615	2	• CABLE, Battery jumper, C
24	117407	3	• BOOT, Battery (Black)
25	117408	3	• BOOT, Battery (Red)
26	100440	1	• SPACER, Plywood - 3/8" x 10-1/2" x 28-1/2"
L	(Ref.)	-	• LABELS (For components, refer to Section 8.1 Label Kit)

5.2 Battery Charger - Delta-Q



M226381AA

165969AL

108

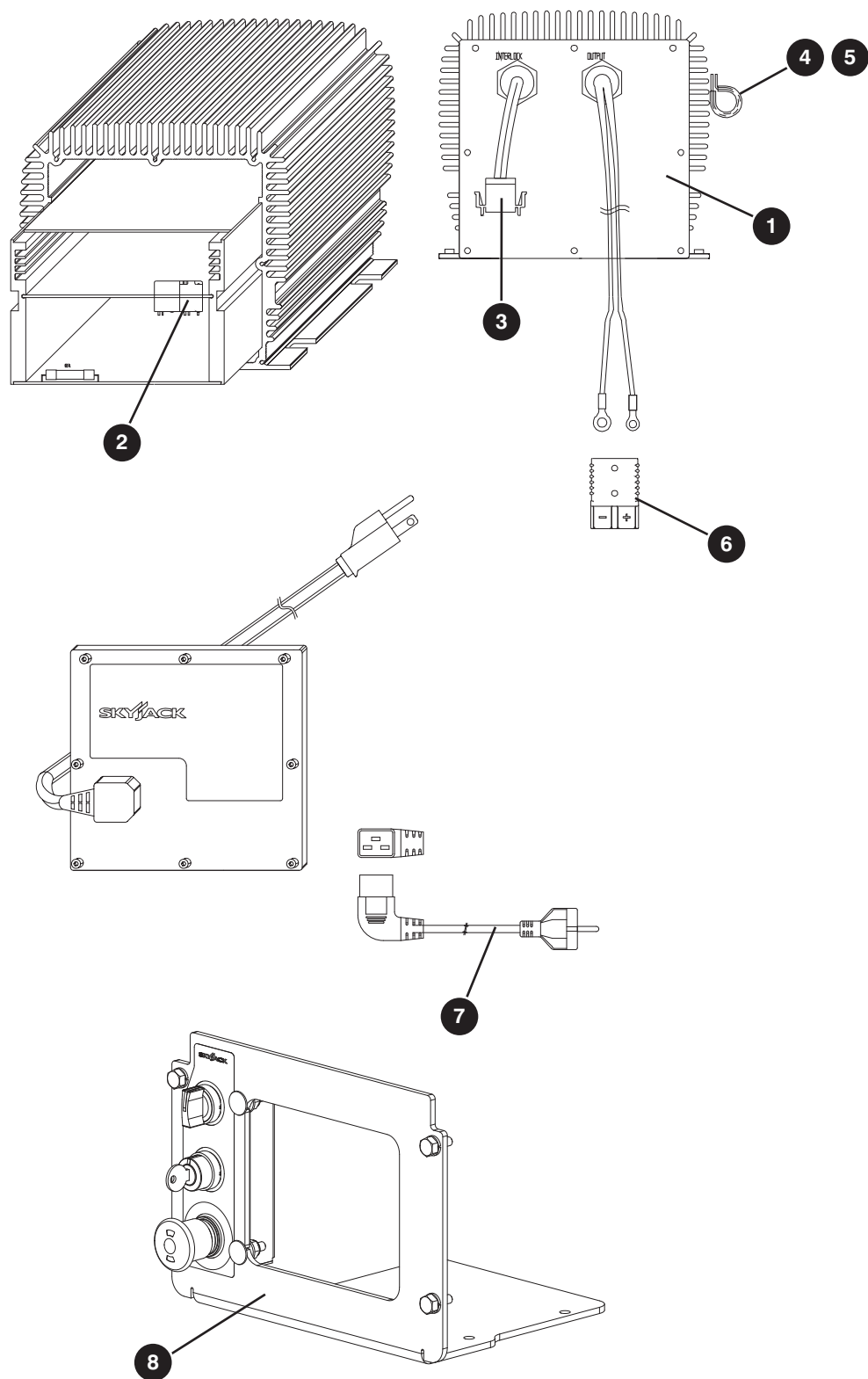
SJIII 3215 SJIII 3219

SKYJACK

5.2 Battery Charger - Delta-Q

Index No.	Skyjack Part No.	Qty.	Description
-	226378	-	CHARGER ASSEMBLY - DELTA-Q
1	195604	1	• TRAY, Battery Charger
2	103404	4	• WASHER, Lock - 5/16"
3	103887	4	• BOLT, Hex Head - 5/16"-18 x 3/4" Gr. 5
4	103995	4	• WASHER, Flat - 1/4"
5	104000	4	• WASHER, Lock - 1/4"
6	103856	4	• BOLT, Hex Head Zinc - 1/4"-20 x 3/4" Gr. 5
-	226374	1	• CHARGER ASM, Delta-Q IC650
7	223160	1	• • CHARGER, Delta-Q IC650 - NO
8	221711	1	• • PLATE, Charger Mount - IC650
9	223065	1	• • RELAY ASM, Charger IC650
	108589	1	• • • RELAY, 24V - 40A
	105359	2	• • • TERMINAL, Female - 14-16AWG Blue Insulated
	103367	2	• • • HEATSHRINK, 1/4"DIA Polyolfen (Black)
	115391	1	• • • RECEPTACLE, 2 Pole Female - Mate-N-Lock
	116989	2	• • • WIRE PIN, Male - Mate-N-Lock
10	138834	4	• • SCREW, Round Head Machined - #10-24 x 3/4"
11	104694	3	• • WASHER, Flat - #10
12	104185	4	• • WASHER, Lock - #10
13	223157	1	CORD, Charger Delta-Q IC650 - CE

5.3 Battery Charger - Signet

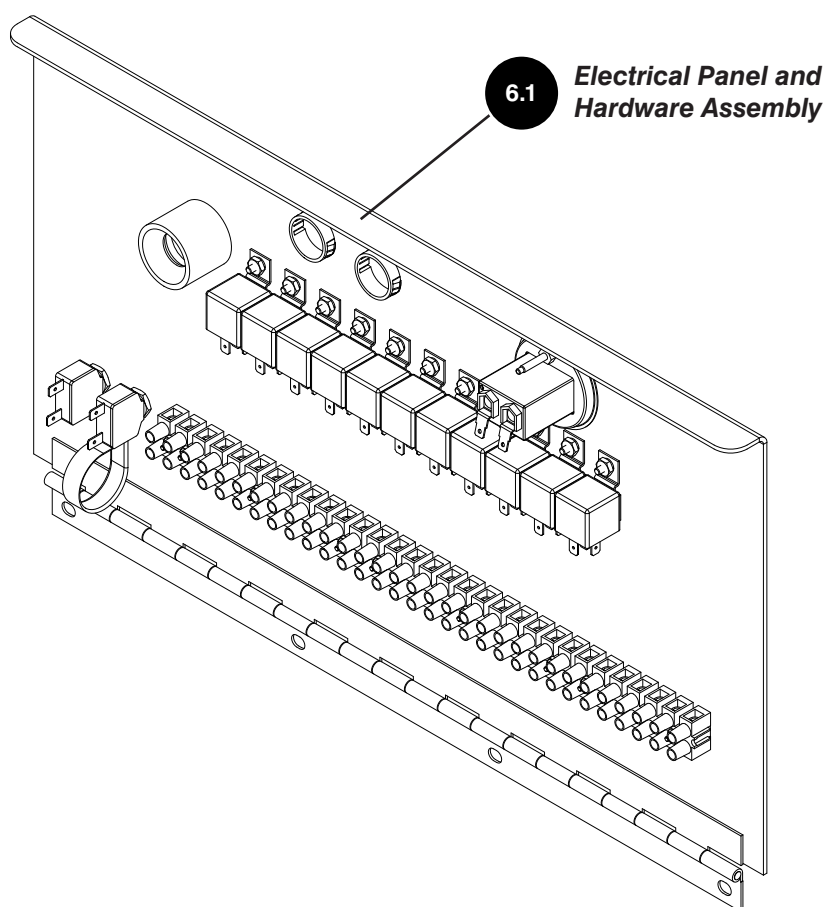


5.3 Battery Charger - Signet

Index No.	Skyjack Part No.	Qty.	Description
A	-	-	CHARGER ASSEMBLY - Hardwired
B	-	-	CHARGER ASSEMBLY - No Plug
C	-	-	CHARGER ASSEMBLY - AGM OPTION - Hardwired
D	-	-	CHARGER ASSEMBLY - AGM OPTION - No Plug
1	161827	1	CHARGER, Battery (24VDC) - SIGNET, A
	161828	1	CHARGER, Battery (24VDC) - SIGNET, B
	160932	1	CHARGER, Battery (24VDC) - AGM, C, D
2	196127	1	• RELAY, Interlock, A
	127154	1	• RELAY, Interlock, B, C, D
3	115391	1	• PLUG, Charger cutout
4	123764	2	CLIP, Single (#10, G6), B, C, D
5	129702	2	SCREW, SF (#10), B, C, D
6	103364	1	CONNECTOR, Battery (50 Amp)
7	120790	1	CORD, 220V Charger (with plug), C
	120791	1	CORD, 110V/220V Charger (no plug), B, D
8	(Ref.)	-	TRAY, Battery charger (For components, refer to Section 3.12 Base Control Console Hardware A)

 **Notes**

Section 6 – Electrical Related Parts



6.2 *Main Manifold Harness*

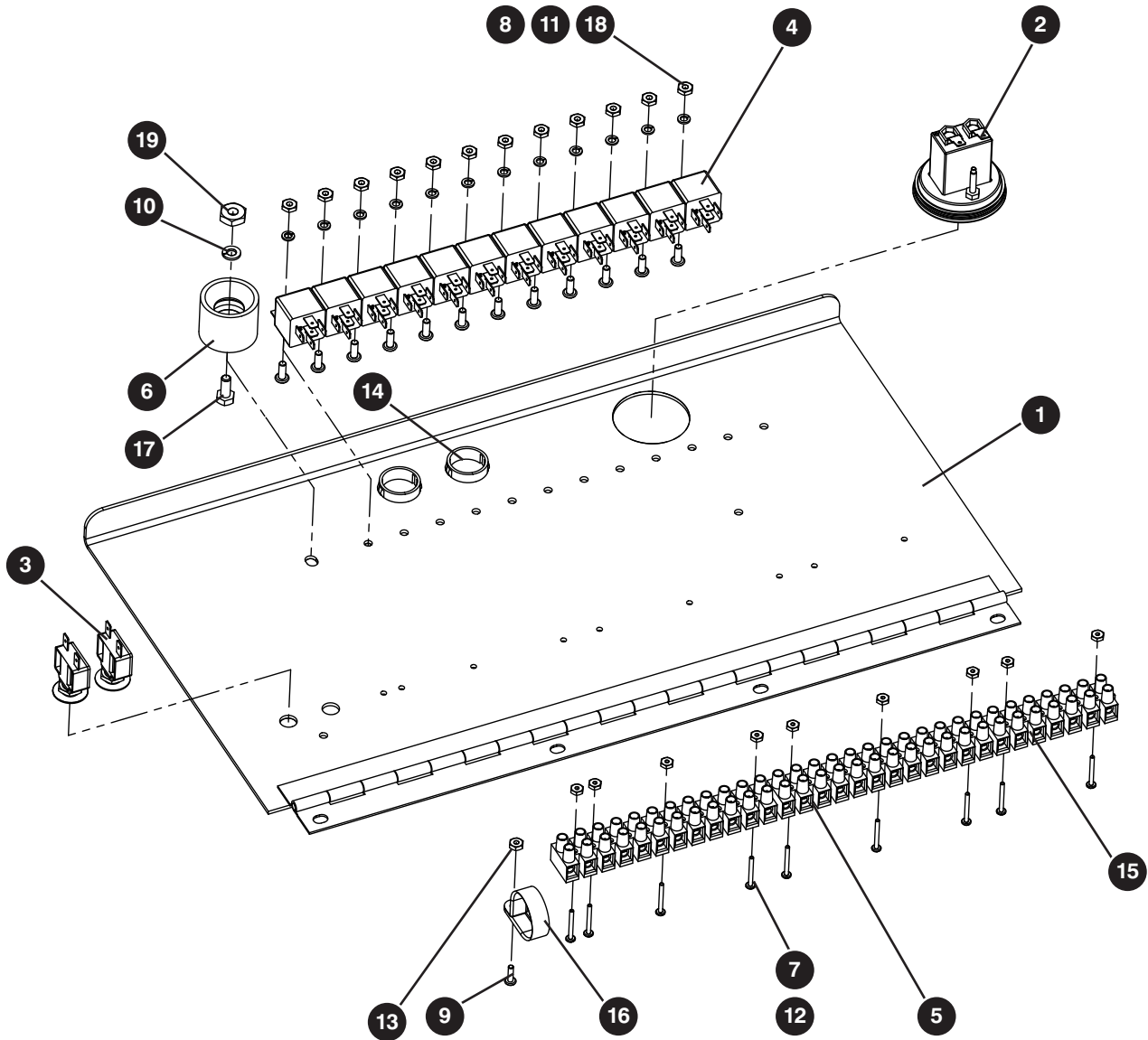
6.3 *Rear Manifold Harness*

6.4 *Horn, Control Module and Holding Valve Harnesses*

6.5 *Electrical Panel Harnesses*

6.6 *Elevate Telematics Harness*

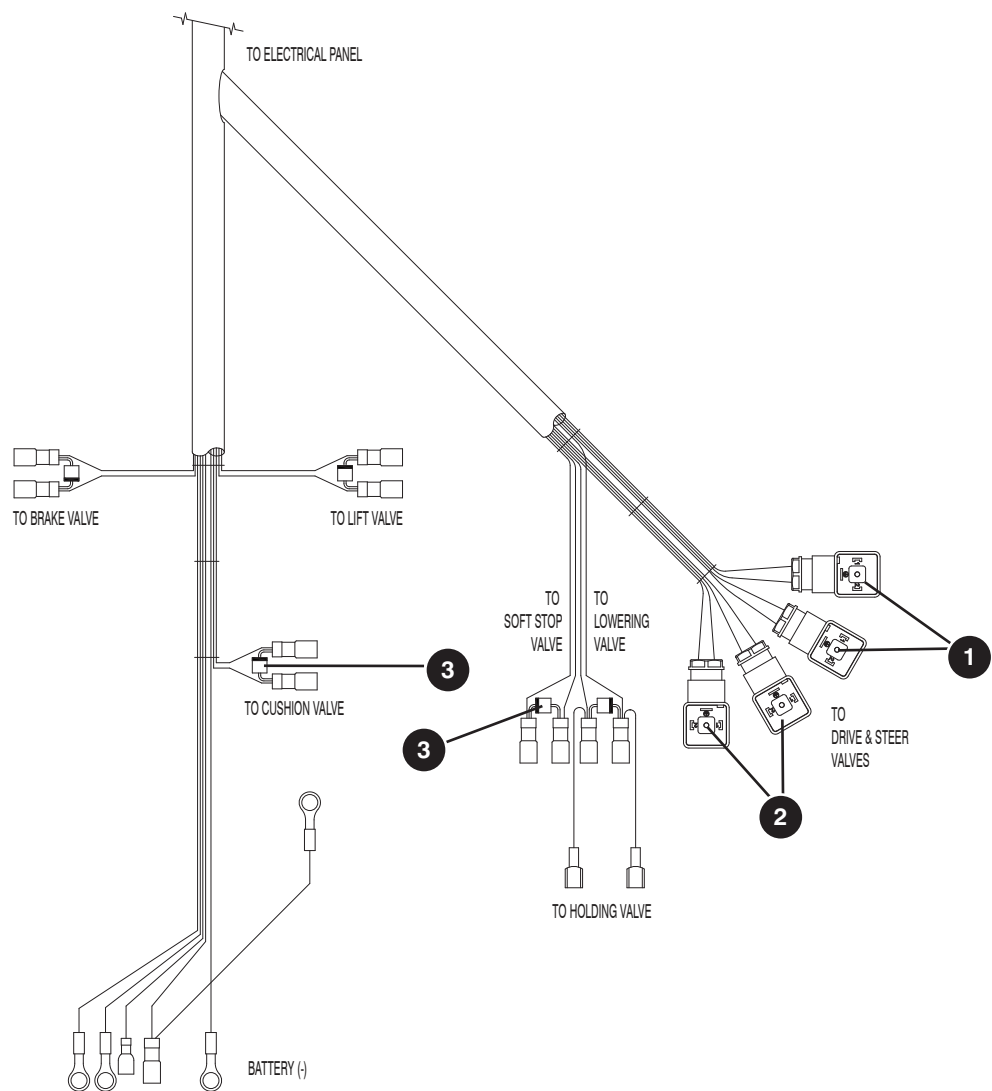
6.1 Electrical Panel and Hardware Assembly



6.1 Electrical Panel and Hardware Assembly

Index No.	Skyjack Part No.	Qty.	Description
-	163055	1	ELECTRICAL PANEL PREWIRE ASSEMBLY (For Model SJIII 3215 with serial number 10001530 & Below) (For Model SJIII 3219 with serial number 22093109 & Below)
-	195712	1	ELECTRICAL PANEL PREWIRE ASSEMBLY (For Model SJIII 3215 with serial number 10001531 & Above) (For Model SJIII 3219 with serial number 22093110 & Above)
-	163056	1	ELECTRICAL PANEL ASSEMBLY
1	163057	1	• WELDMENT, Control panel
2	195940	1	• HOURMETER, Digital
3	117325	2	• BREAKER, Circuit (15 Amp)
4	108589	12	• RELAY (24V, sealed)
5	103011	2	• BLOCK, Terminal (12 position)
6	125893	1	• BUMPER, Rubber female
7	103956	9	• SCREW, Round head (#6-32 x 1)
8	103962	13	• SCREW, Round head machine (#10-32 x 1/2")
10	104000	1	• WASHER, Lock (1/4")
11	104185	12	• WASHER, Lock (#10)
12	103985	9	• NUT, Hex head (#6-32)
14	131938	2	• PLUG, Snap-in (1 1/8 hole)
15	103011	1	• BLOCK, Terminal
16	132794	1	• CLAMP, Plastic (1.375" diameter)
17	103892	1	• BOLT, Hex head (1/4"-20 x 5/8", Gr. 5)
18	104003	13	• NUT, Hex head (#10-32)
19	103980	1	• NUT, Hex (1/4"-20)

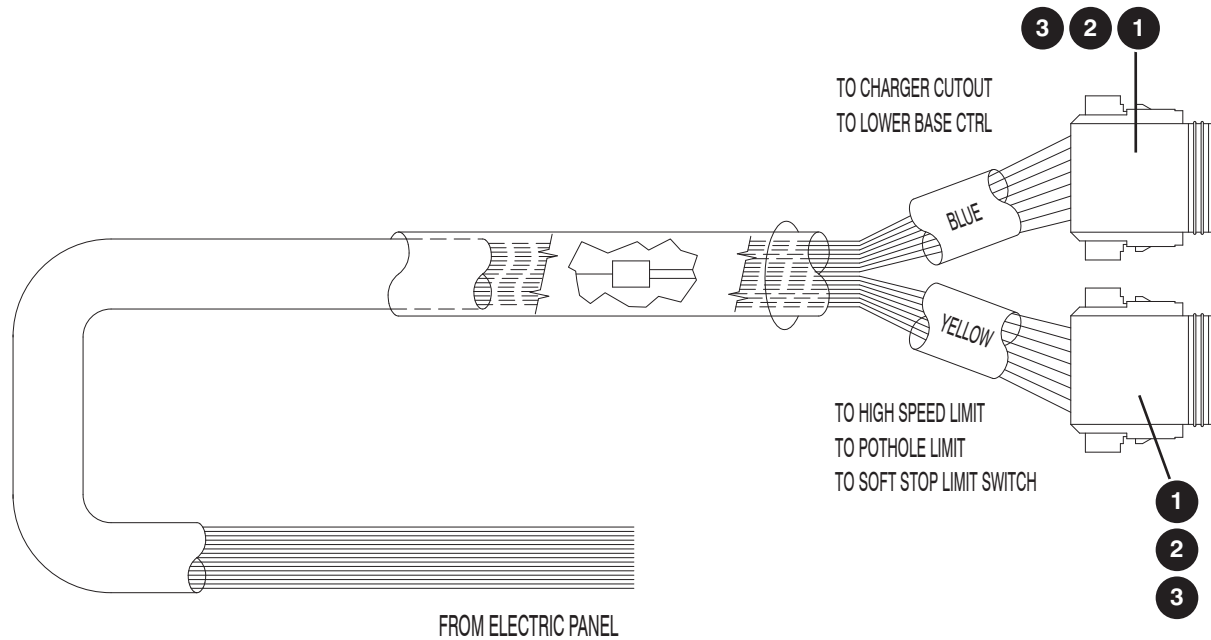
6.2 Main Manifold Harness



M163239AB-1

Index No.	Skyjack Part No.	Qty.	Description
-	163239	1	HARNESS, Main manifold
1	127316	2	• CONNECTOR, Solenoid (with diode, grey)
2	127315	2	• CONNECTOR, Solenoid (with diode, black)
3	102921	5	• DIODE

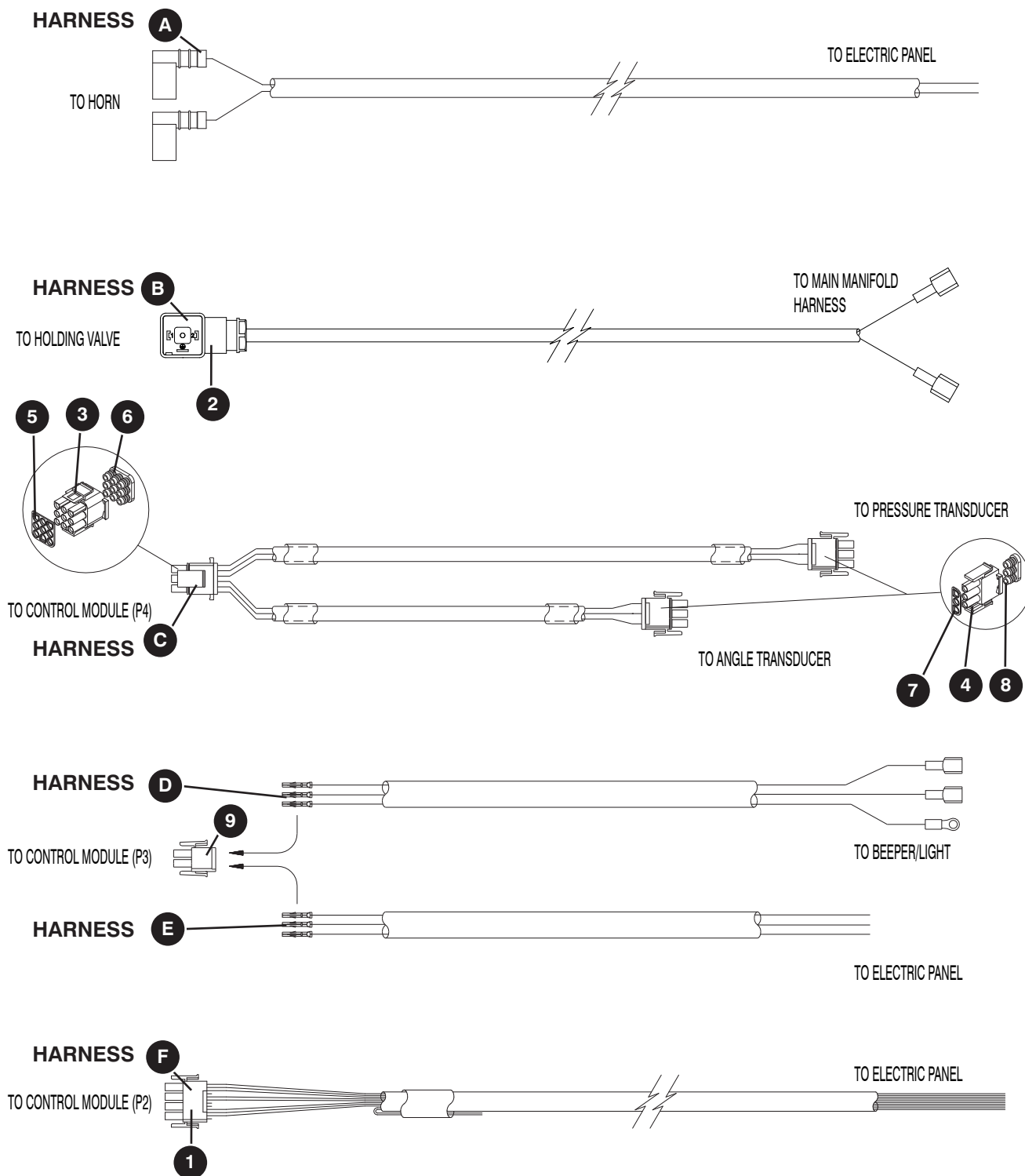
6.3 Rear Manifold Harness



M165923AA

Index No.	Skyjack Part No.	Qty.	Description
-	165923	1	HARNESS, Rear Manifold
1	117583	2	• CONNECTOR, Plug (8 pin)
2	117585	2	• CONNECTOR, Plug (8 pin, wedge)
3	117593	16	• CONNECTOR, Contact socket (14-16)

6.4 Horn, Control Module and Holding Valve Harnesses



6.4 Horn, Control Module and Holding Valve Harnesses

Index No.	Skyjack Part No.	Qty.	Description
A	146589	1	HARNESS, Horn
B	134508	1	HARNESS, Holding valve
C	134436	1	HARNESS, Control module to transducers (P4)
D	130779	1	HARNESS, Beeper & Light
E	130671	1	HARNESS, Control module (P3)
F	165928	1	HARNESS, Control module (P2)
1	130449	1	• HOUSING, Male plug (12 pole, mate-n-lok)
2	127315	2	• CONNECTOR, Solenoid with diode
3	116993	1	• HOUSING, Male (9 Pole)
4	130446	2	• PLUG, Male (3 Pole)
5	134069	1	• SEAL, 9 position interface
6	134070	1	• SEAL, 9 position wire
7	134067	1	• SEAL, 3 position interface
8	134068	1	• SEAL, 3 position wire
9	130445	1	HOUSING, Male (6 Pole)

 **Notes**

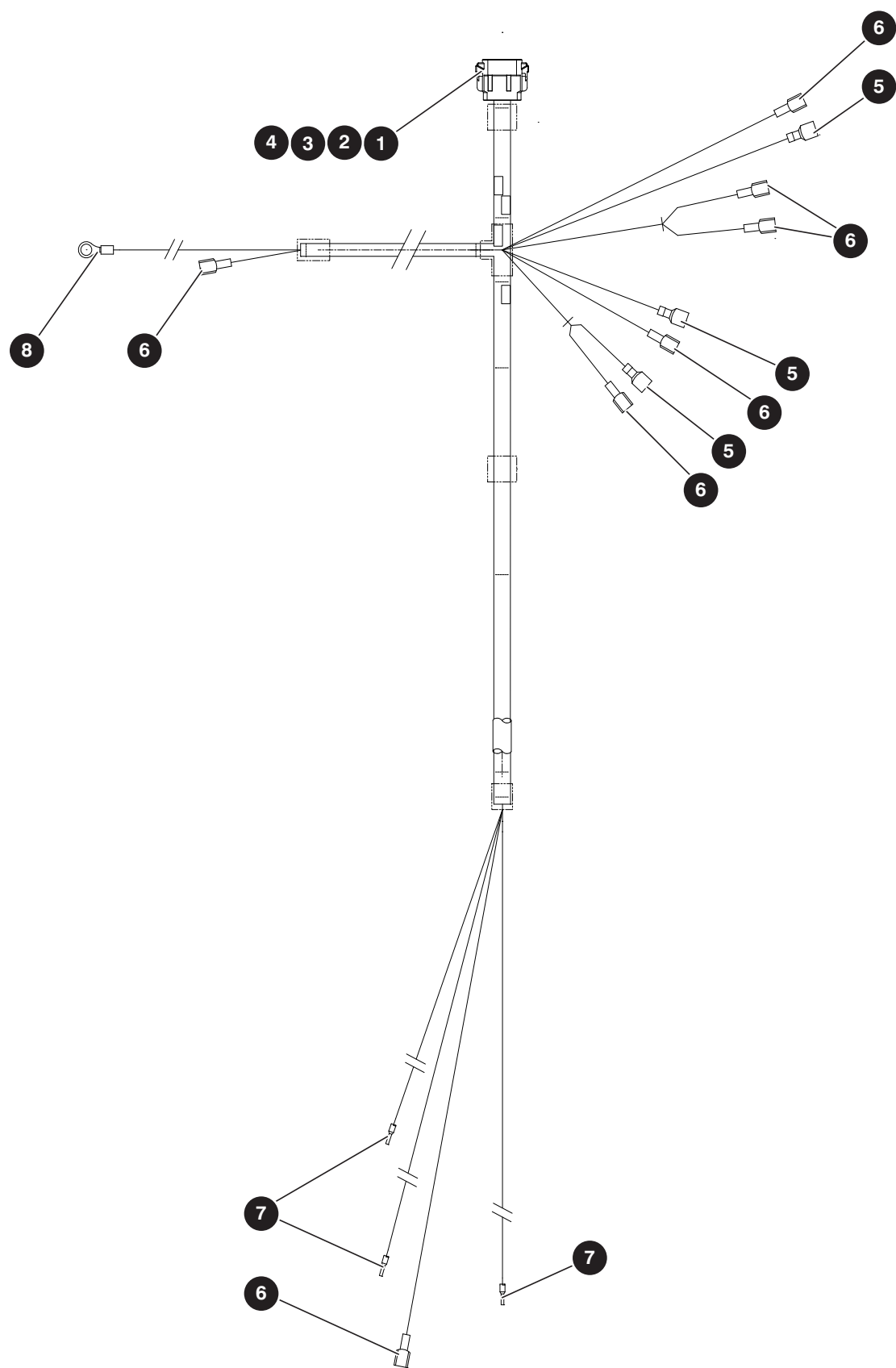
6.5 Electrical Panel Harnesses



M166234AA

Index No.	Skyjack Part No.	Qty.	Description
A	166234	1	HARNESS, Motor Controller - RST2 (4.50" / 100 OHM)
B	169101	1	HARNESS, Motor Controller - RST3 (5.00" / 806 OHM)
C	166236	1	HARNESS, Motor Controller - RST4 (3.50" / 68 OHM)
D	166237	1	HARNESS, Motor Controller - RST5 (3.00" / 2.2 KOHM)
E	166238	1	HARNESS, Motor Controller - RST6 (3.00" / 1.2 KOHM)

6.6 Elevate Telematics Harness



M226425AB

165969AL

SJIII 3215 SJIII 3219

6.6 Elevate Telematics Harness

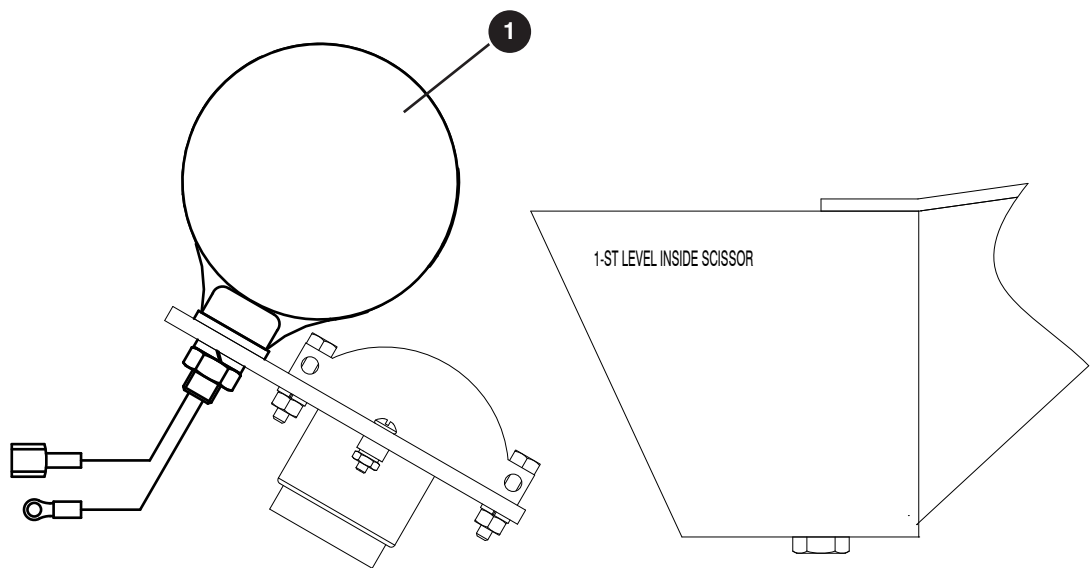
Index No.	Skyjack Part No.	Qty.	Description
-	226425	1	HARNESS, Elevate19 Telematics
1	220611	1	• CONNECTOR, Deutsch DTM06-12S
2	220612	1	• CONNECTOR, Deutsch DTM06 Wedge
3	220613	9	• CONNECTOR, Contact Socket No. 20
4	156152	3	• SEALING PLUG, DRC Series
5	114594	3	• TERMINAL, Male - 18-22AWG Red
6	114595	7	• TERMINAL, Female - 18-22AWG Red
7	115401	3	• FERRULE, 18GA Red
8	120070	1	• TERMINAL, Ring - 18-22AWG Red

 **Notes**

Section 7 – Optional Equipment

- 7.1 *Flashing Amber Light*
- 7.2 *Air Hose to Platform Assembly*
- 7.3 *Board Carrier Option*
- 7.4 *Black Logo Labels Option (Model SJIII 3219)*
- 7.5 *Dual Flashing Amber Light Option (Diagonal)*
- 7.6 *RCD Option*
- 7.7 *Light Duty Pipe Rack Option*
- 7.8 *Heavy Duty Pipe Rack Assembly*
- 7.9 *Tool Caddy*
- 7.10 *Aluminum Control Box Guard Option*
- 7.11 *Secondary Guard Lift Enable*
- 7.12 *Elevate Telematics*

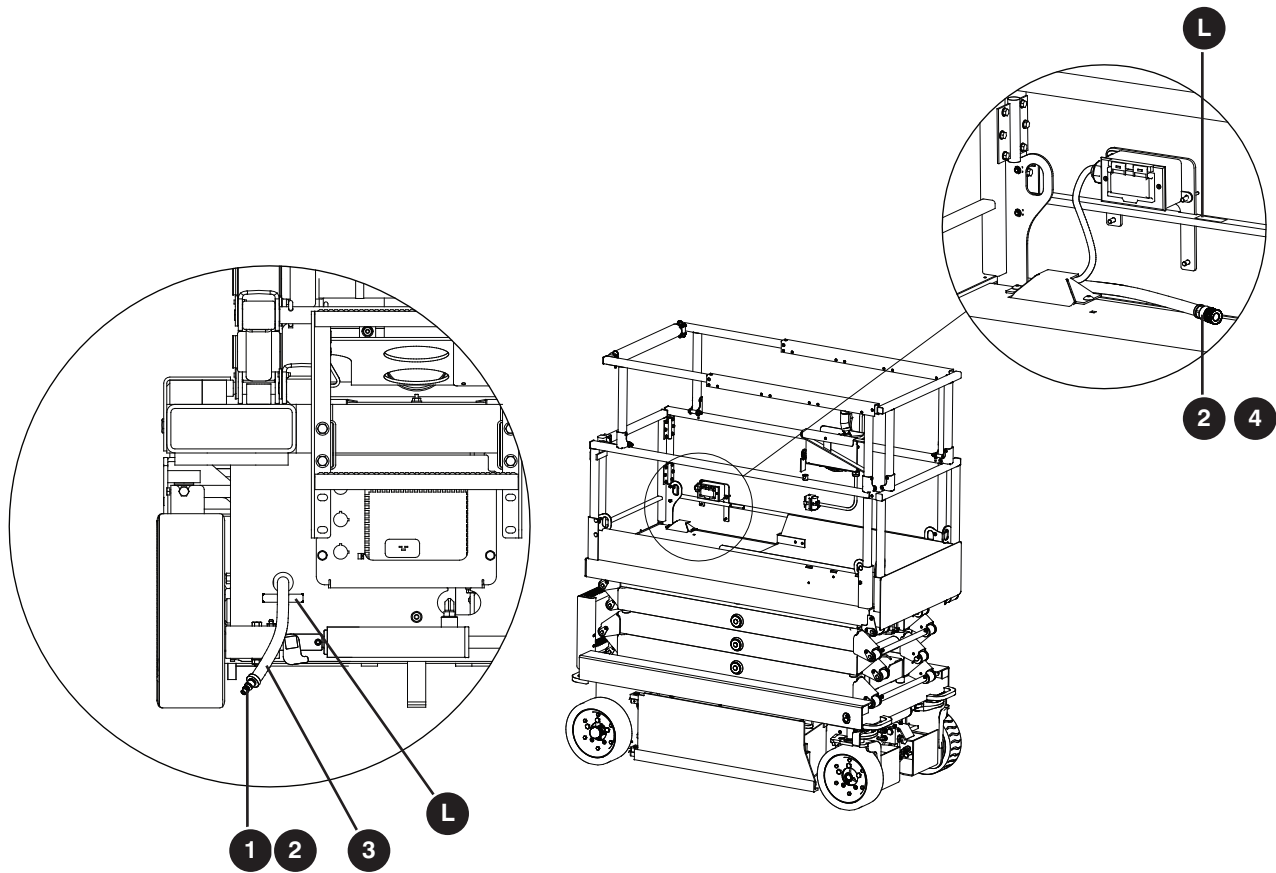
7.1 Flashing Amber Light



M132241AC

Index No.	Skyjack Part No.	Qty.	Description
-	132241	1	FLASHING AMBER LIGHT OPTION
1	121477	1	• LIGHT, Beacon
	146153	1	• • BULB (24 volt)
	121533	1	• • LENS, Amber

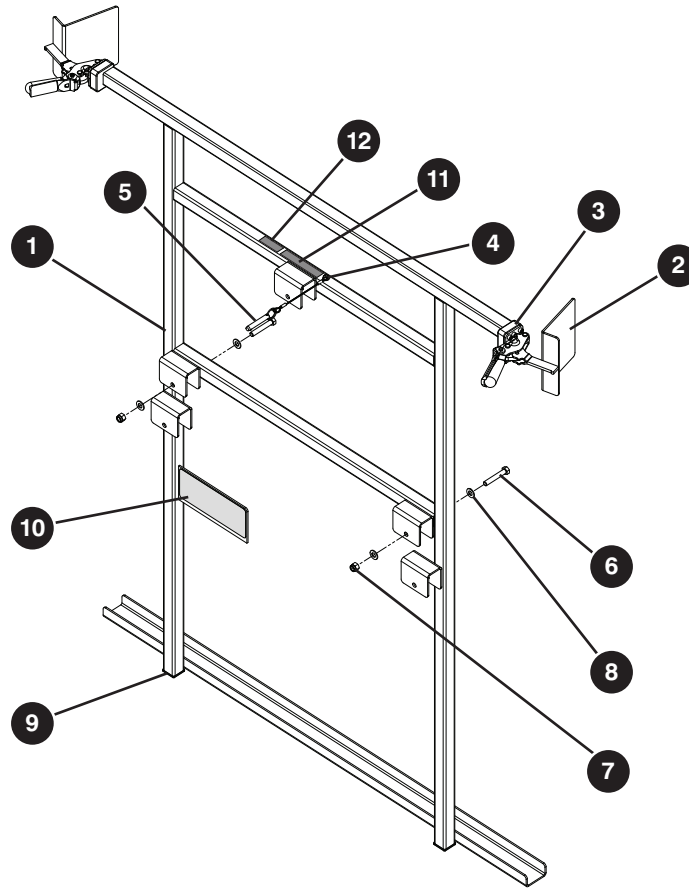
7.2 Air Hose to Platform Assembly



M310053AB_1

Index No.	Skyjack Part No.	Qty.	Description
A	310052	1	AIRLINE TO PLATFORM OPTION (Model SJIII 3215)
B	310053	1	AIRLINE TO PLATFORM OPTION (Model SJIII 3219)
1	146149	1	FITTING, Male disconnect (3/8")
2	107886	2	CLAMP, Hose
3	146150	260"	HOSE, Air (3/8"), A
		300"	HOSE, Air (3/8"), B
4	146148	1	FITTING, Female disconnect (3/8")
L	138212	2	LABEL, Connect air here

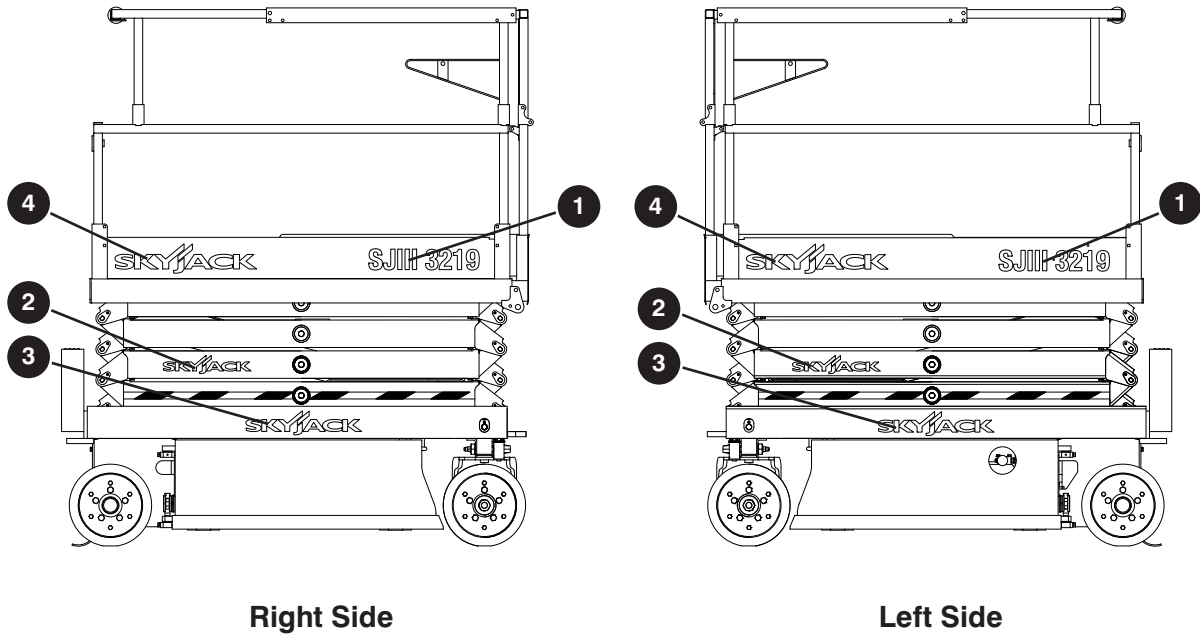
7.3 Board Carrier Option



M143639AF_PartsList

Index No.	Skyjack Part No.	Qty.	Description
-	143639	1	BOARD CARRIER OPTION KIT (Model SJIII 3219)
1	143640	1	• WELDMENT, Board carrier
2	143674	2	• WELDMENT, Clamp with holder
3	103941	12	• SCREW, Socket head cap (1/4"-20 x 0.75")
4	103632	1	• BOLT, Self tapping hex head (1/4"-14 x 0.75")
5	124547	1	• PIN ASSEMBLY, Quick release
6	103872	2	• BOLT, Hex head (3/8"-16 x 2.25, Gr. 5)
7	104606	2	• NUT, Nylon lock (3/8"-16, Gr. 5)
8	103472	4	• WASHER, Flat (3/8")
9	100702	2	• END CAP, Plastic
10	172464	2	• LABEL, Board Carrier Capacity
11	167220	1	• LABEL, Keep in Lock Position - Vertical
12	172301	1	• LABEL, Board Carrier Weight - 15kg/33 lbs
-	136733	1	• INSTRUCTION, Board Carrier CE (Not Shown)

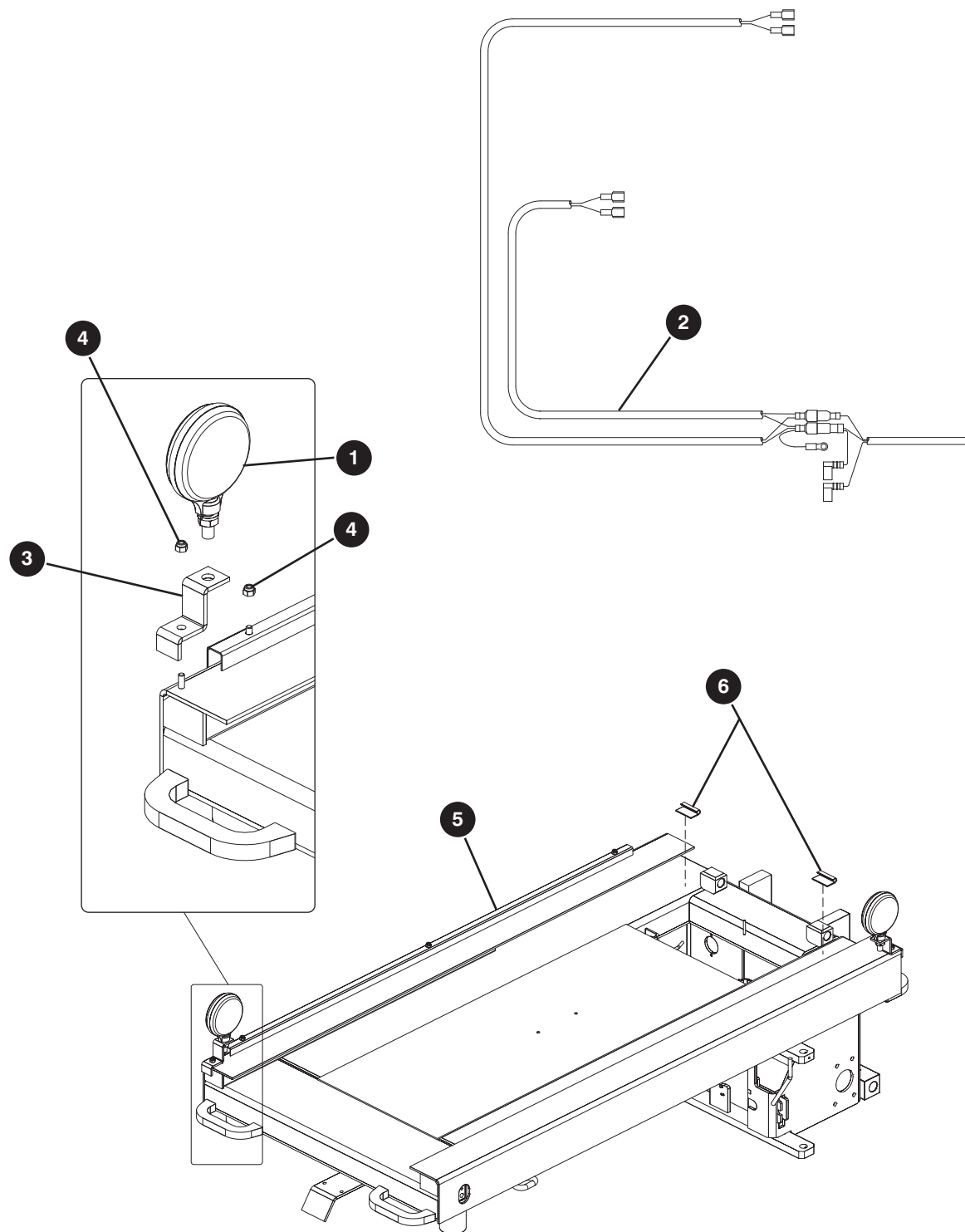
7.4 Black Logo Labels Option (Model SJIII 3219)



M166833AA

Index No.	Skyjack Part No.	Qty.	Description
-	166833	1	BLACK LOGO LABEL OPTION (Model SJIII 3219)
1	162472	2	LABEL, SJIII 3219 (Black)
2	166831	2	LABEL, SKYJACK (Black - 13")
3	166828	2	LABEL, SKYJACK (Black - 17")
4	161118	2	LABEL, SKYJACK (Black - 20")

7.5 Dual Flashing Amber Light Option (Diagonal)



M134746AB

165969AL

130

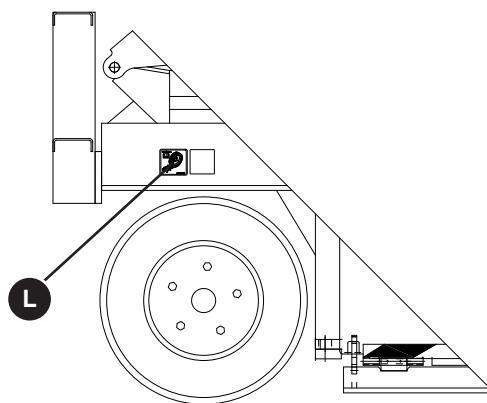
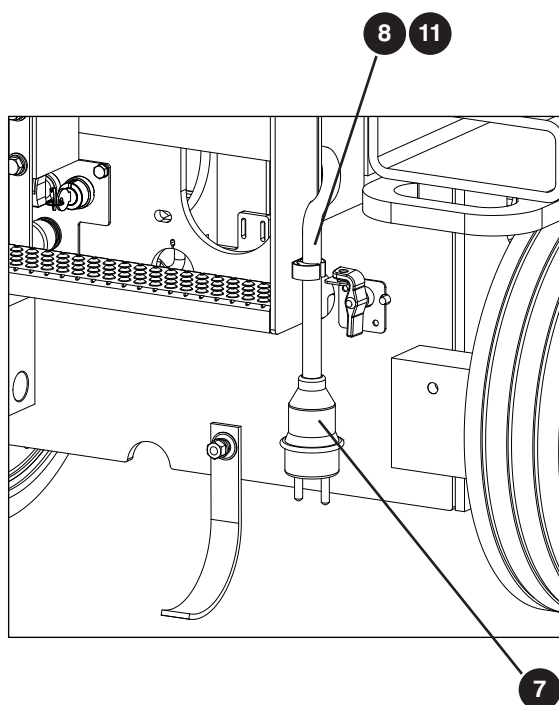
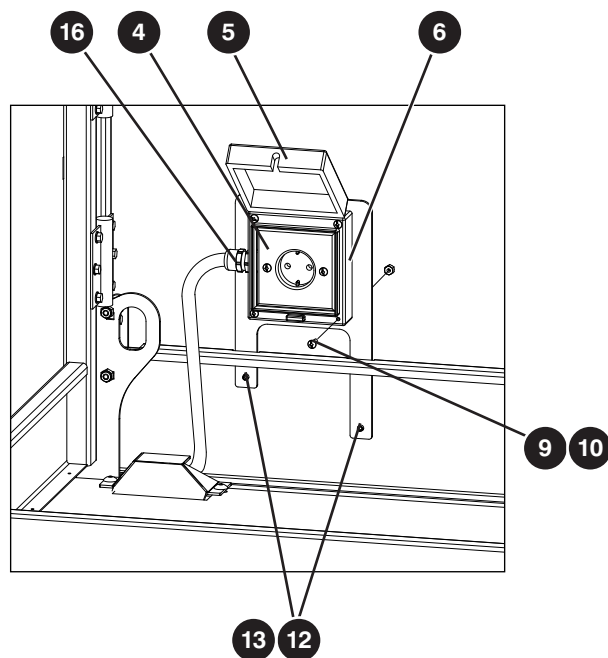
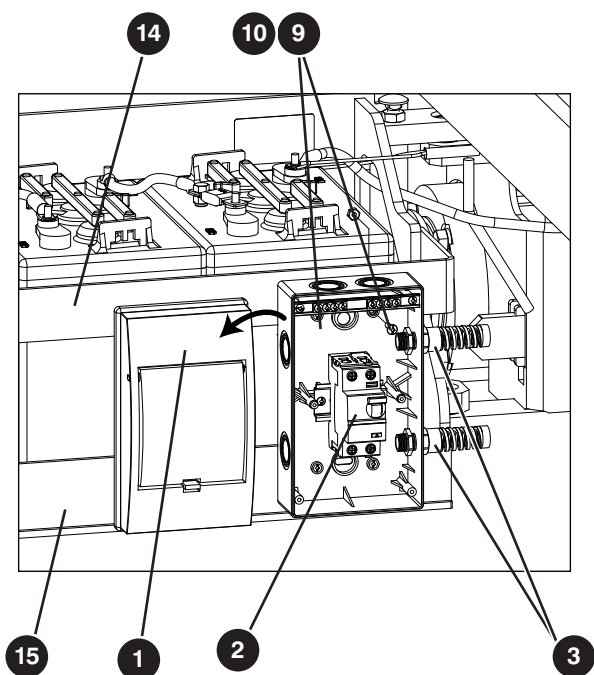
SJIII 3215 SJIII 3219

SKYJACK

7.5 Dual Flashing Amber Light Option (Diagonal)

Index No.	Skyjack Part No.	Qty.	Description
1	126111	2	FLASHING AMBER LIGHT ASSEMBLY
	121477	1	• LIGHT, Beacon
	121533	1	• • LENS, Amber
	146153	1	• • BULB (24 volt)
2	134587	1	HARNESS, Dual flashing light
	103256	215"	• CABTIRE (18/2)
3	156695	2	BRACKET, Flashing light
4	115649	5	NUT, Hex nylon lock (1/4"-20, Gr. 5)
5	134715	1	GUARD, Cable (Modified)
6	108791	2	CLIP, Cord (Adhesive back)

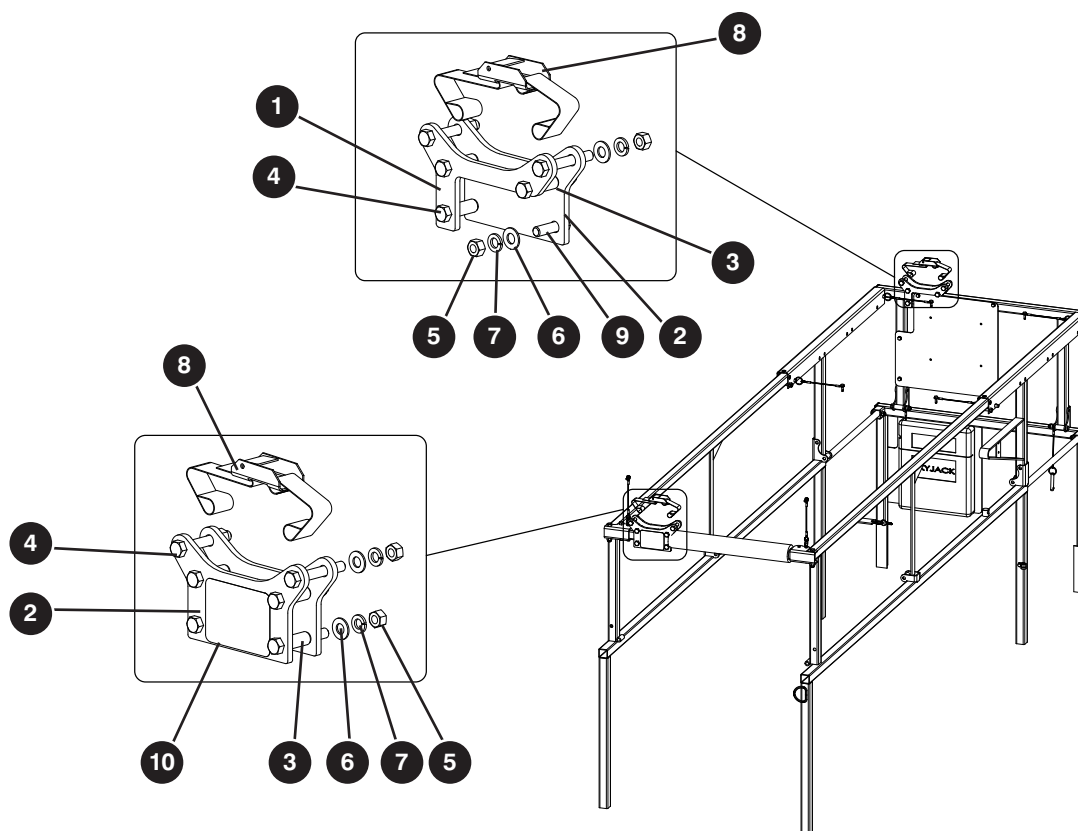
7.6 RCD Option



7.6 RCD Option

Index No.	Skyjack Part No.	Qty.	Description
A	-	1	OPTION, RCD - With Receptacle
B	-	1	OPTION, RCD - Without Receptacle (Model SJIII 3219)
1	157188	1	• ENCLOSURE, Receptacle
2	157187	1	• RESIDUAL CURRENT DEVICE, A
	168379	1	• RESIDUAL CURRENT DEVICE, B
3	158212	AR	• CONNECTOR, Strain relief
4	157191	1	• OUTLET, 250V Socket (2P+E), A
	157190	1	• OUTLET, 250V Socket (K5834 WHI), B
5	157189	1	• BOX, Outlet (250V)
6	157198	1	• PLATE, Outlet support
7	157192	1	• PLUG (250V)
8	119920	1	• CLIP
9	120094	AR	• SCREW, Machine (#10-32 UNF x 5/8")
10	300450	AR	• NUT, Nylon insert hex lock (#10-32 UNF)
11	103964	1	• SCREW, Machine (#10-32 UNF x 1/4")
12	139641	2	• RIVET, Pop (1/4" x 5/8")
13	103995	2	• WASHER, Flat (zinc, 1/4")
14	159479	1	• STRIP, Upper reinforcement
15	159478	1	• STRIP, Lower reinforcement
16	194589	72"	• CABTIRE (14/13)
L	172302	4	• LABEL, Non-Marking Tire, B

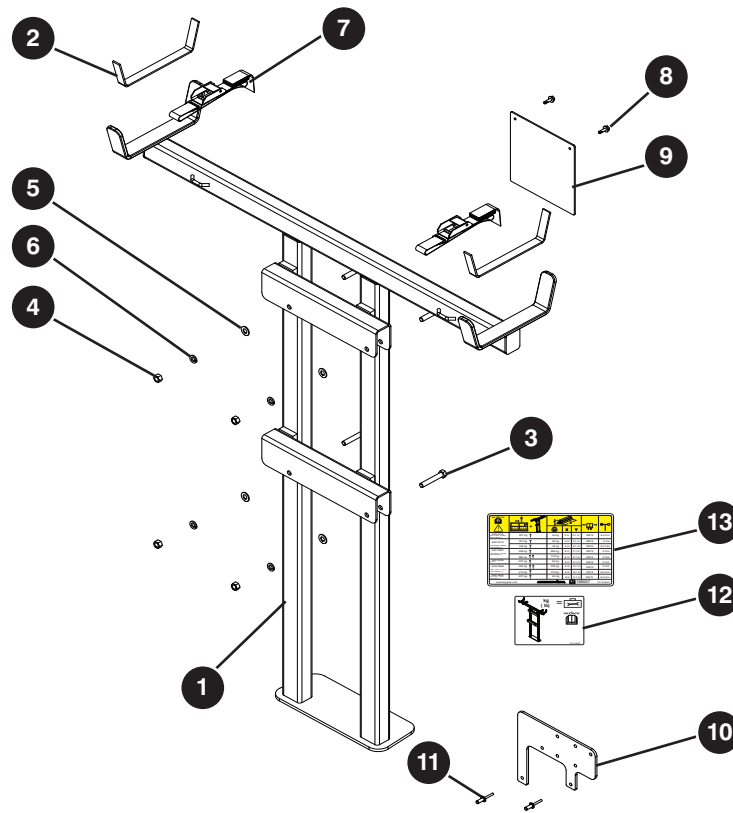
7.7 Light Duty Pipe Rack Option



M159226AA_2

Index No.	Skyjack Part No.	Qty.	Description
-	161213	-	LIGHT DUTY PIPE RACK OPTION (Cannot be used on Full Gate Machines)
A	154727	1	• LD PIPE RACK, Front Mount
B	154726	1	• LD PIPE RACK, Rear Mount
1	133593	1	• • PLATE, Pipe rack, A
2	133594	1	• • PLATE, Pipe rack, A
		2	• • PLATE, Pipe rack, B
3	133598	3	• • SPACER, A
		4	• • SPACER, B
4	103873	5	• • BOLT, Hex head (3/8"-16 x 2.5", Gr. 5), A
		6	• • BOLT, Hex head (3/8"-16 x 2.5", Gr. 5), B
5	103978	6	• • NUT, Hex head (3/8"-16)
6	103472	6	• • WASHER, Flat (3/8")
7	103999	6	• • WASHER, Lock (3/8")
8	130359	1	• • STRAP, Cam buckle
9	103473	1	• • BOLT, Hex head (3/8"-16 x 1.0", Gr. 5), A
10	172466	3	• LABEL
11	155136	1	• INSTRUCTION, Pipe rack option (Not Shown)

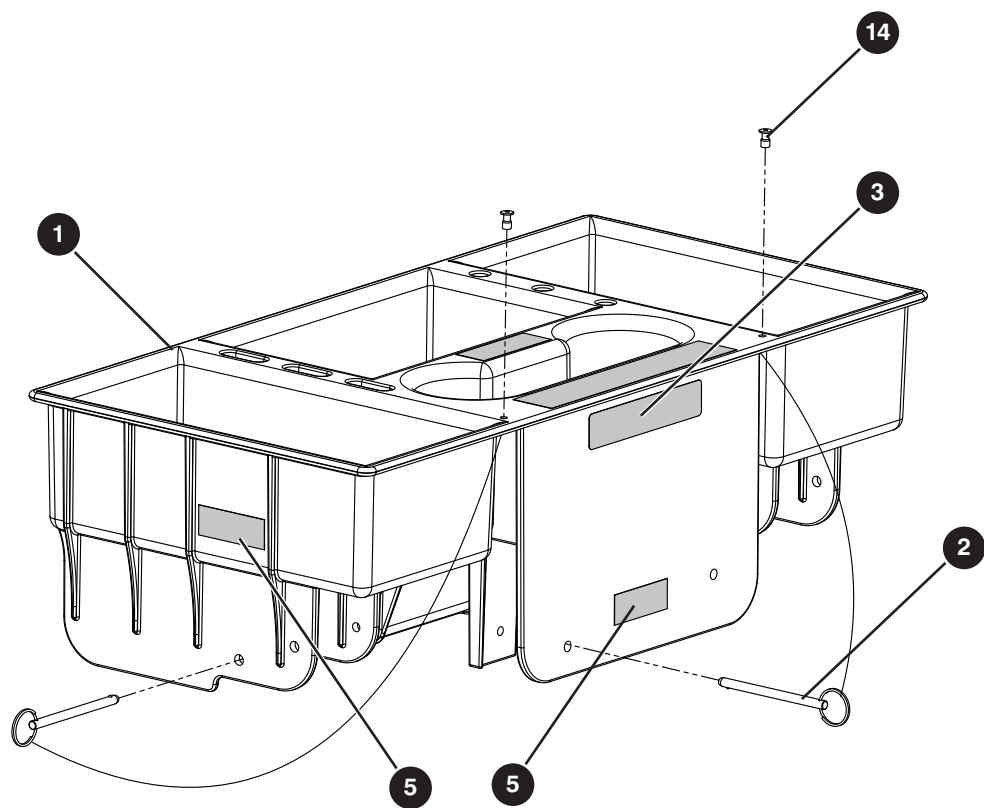
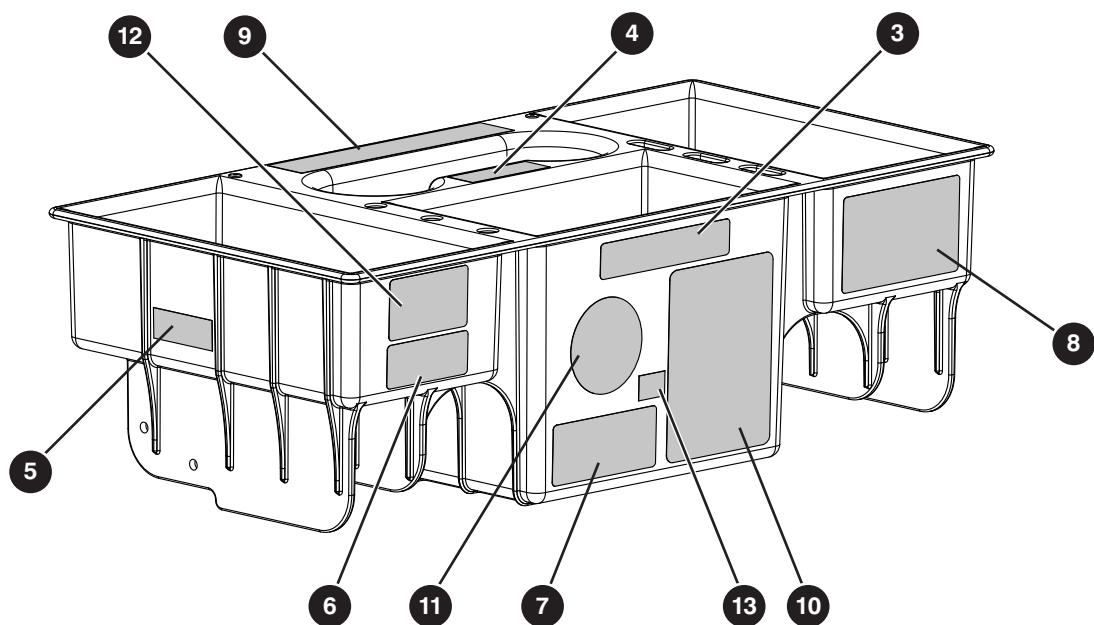
7.8 Heavy Duty Pipe Rack Assembly



M195828AB_TOC

Index No.	Skyjack Part No.	Qty.	Description
-	195828	1	PIPE RACK
-	194406	1	• DC Pipe Rack CE Kit
1	194407	1	• • WELDMENT, DC Pipe Rack CE
2	195289	2	• • STRIP, Protector
3	103872	4	• • BOLT, Hex head (3/8"-16 x 2.250, Gr. 5)
4	103978	4	• • NUT, Hex (3/8"-16 Gr. 5)
5	103472	4	• • WASHER, Flat (3/8")
6	103999	4	• • WASHER, Lock (3/8")
7	195346	2	• • STRAP, Nylon Tie Down Flat Hook
8	103632	2	• • BOLT, Flat head cap screw (10-32 x 1.75". Gr. 5)
9	171733	1	• • PLATE, LABEL
10	196224	1	• • PLATE, Relocation - AC Outlet CE/AS
11	139641	2	• • RIVET, Pop (1/4" diameter x 0.615")
12	172172	1	• LABEL, Heavy Duty Pipe Rack Weight
13	172174	1	• LABEL, Heavy Duty Pipe Rack Capacity CE
14	196007	1	• INSTRUCTION, DC HD Pipe Rack CE (Not Shown)

7.9 Tool Caddy



M204334AA_6

165969AL

136

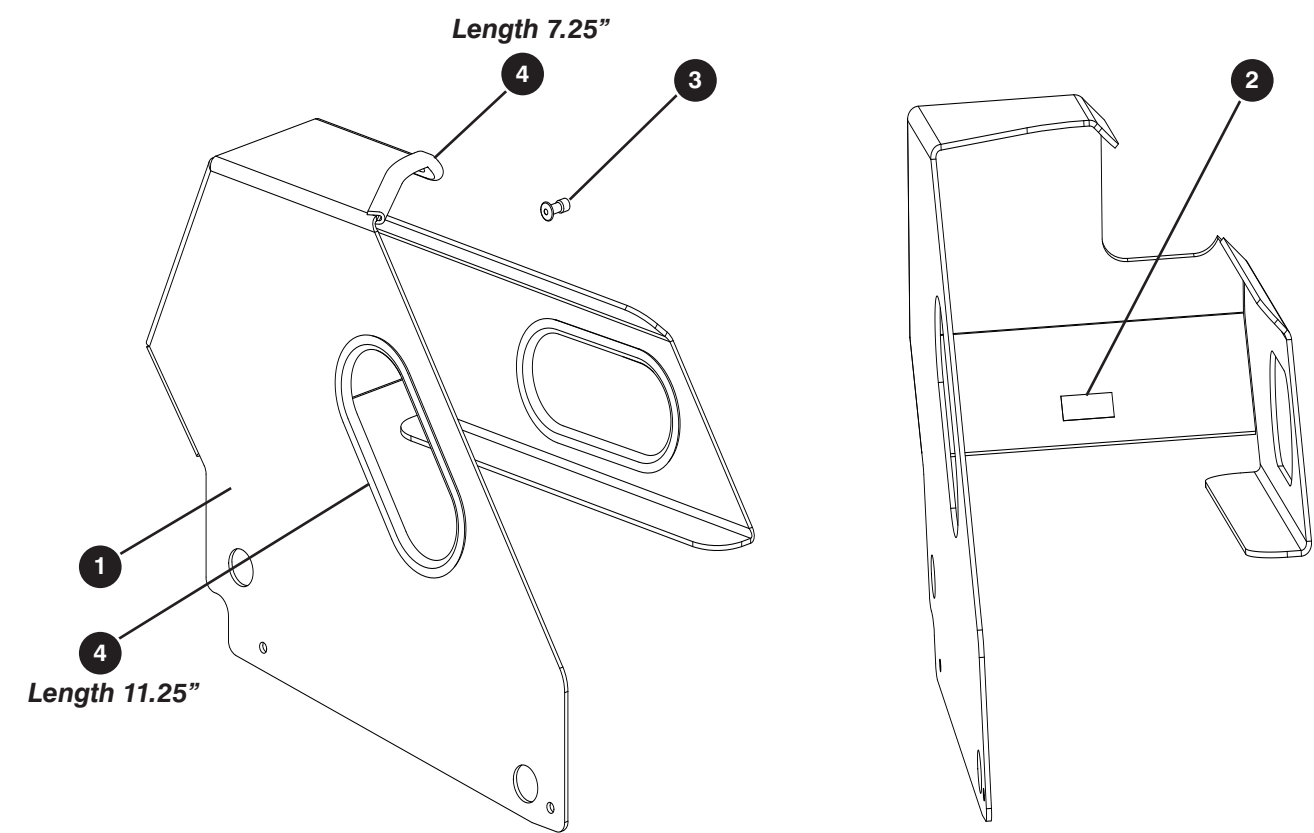
SJIII 3215 SJIII 3219

SKYJACK

7.9 Tool Caddy

Index No.	Skyjack Part No.	Qty.	Description
-	211271	1	TOOL CADDY
-	204334	1	• TOOL CADDY ASSEMBLY
1	198945	1	• • TOOL CADDY TRAY
2	198965	2	• • PIN, Quick Release - 1/4" x 3.2" (With Lanyard)
3	172293	2	• • LABEL, Skyjack Logo 5" White
4	172294	1	• • LABEL, Skyjack Logo 3" White
5	168421	3	• • LABEL, Keep In Lock Position - Vertical
6	172245	1	• • LABEL, Tool Caddy Weight
7	172246	1	• • LABEL, Tool Caddy Pin Location
8	172247	1	• • LABEL, Tool Caddy Location
9	172292	1	• • LABEL, Accessoryzers 7" White
10	172298	1	• • LABEL, Tool Caddy Model Serial Numbers
11	172299	1	• • LABEL, Do Not Block Exit/Entrance
12	172297	1	• • LABEL, Danger Of Falling Tools Drive Slowly
13	172428	1	• • LABEL, CE Mark 1" X 0.71"
14	116161	2	• • POP RIVET, 3/16" x 0.565" - SS Small Flange Dome Hd
15	204306	1	• INSTRUCTIONS, Tool Caddy Installation (Not Shown)

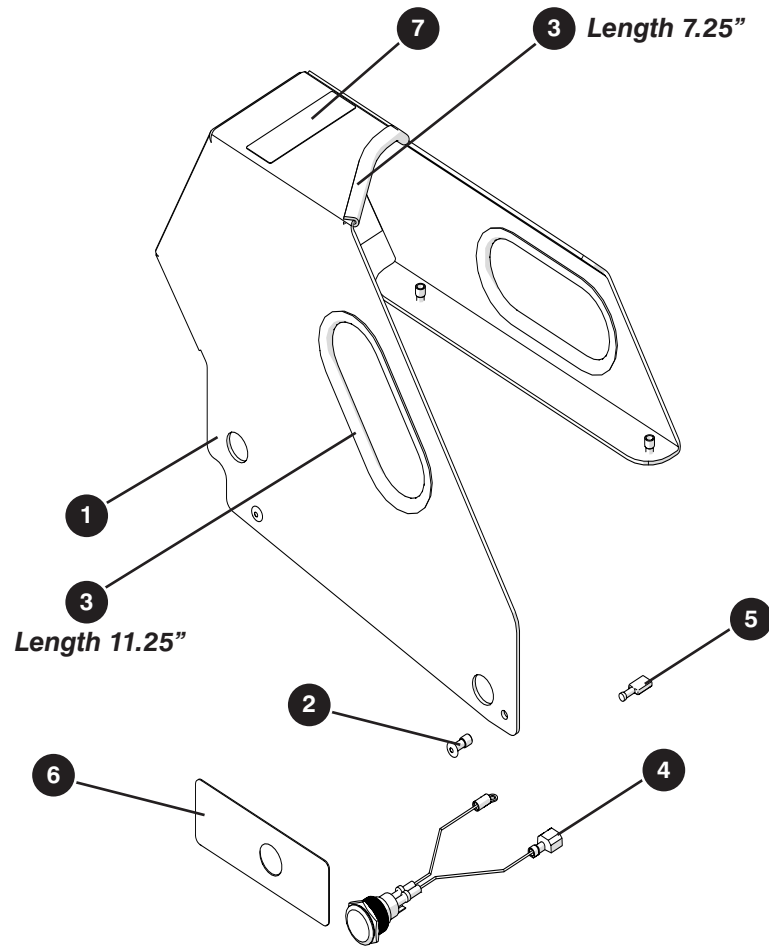
7.10 Aluminum Control Box Guard Option



M161777AC-1

Index No.	Skyjack Part No.	Qty.	Description
-	161777	1	ALUMINUM CONTROL BOX GUARD OPTION
1	162483	1	• GUARD, Control Box with Label
2	162431	1	• • LABEL, #162483
3	157759	4	• RIVET, Pop (3/16" diameter x 0.565")
4	194731	30"	• EE MOLDING, CTRL BOX
5	155135	1	• INSTRUCTIONS, Installation - Control Box Guard (Not Shown)

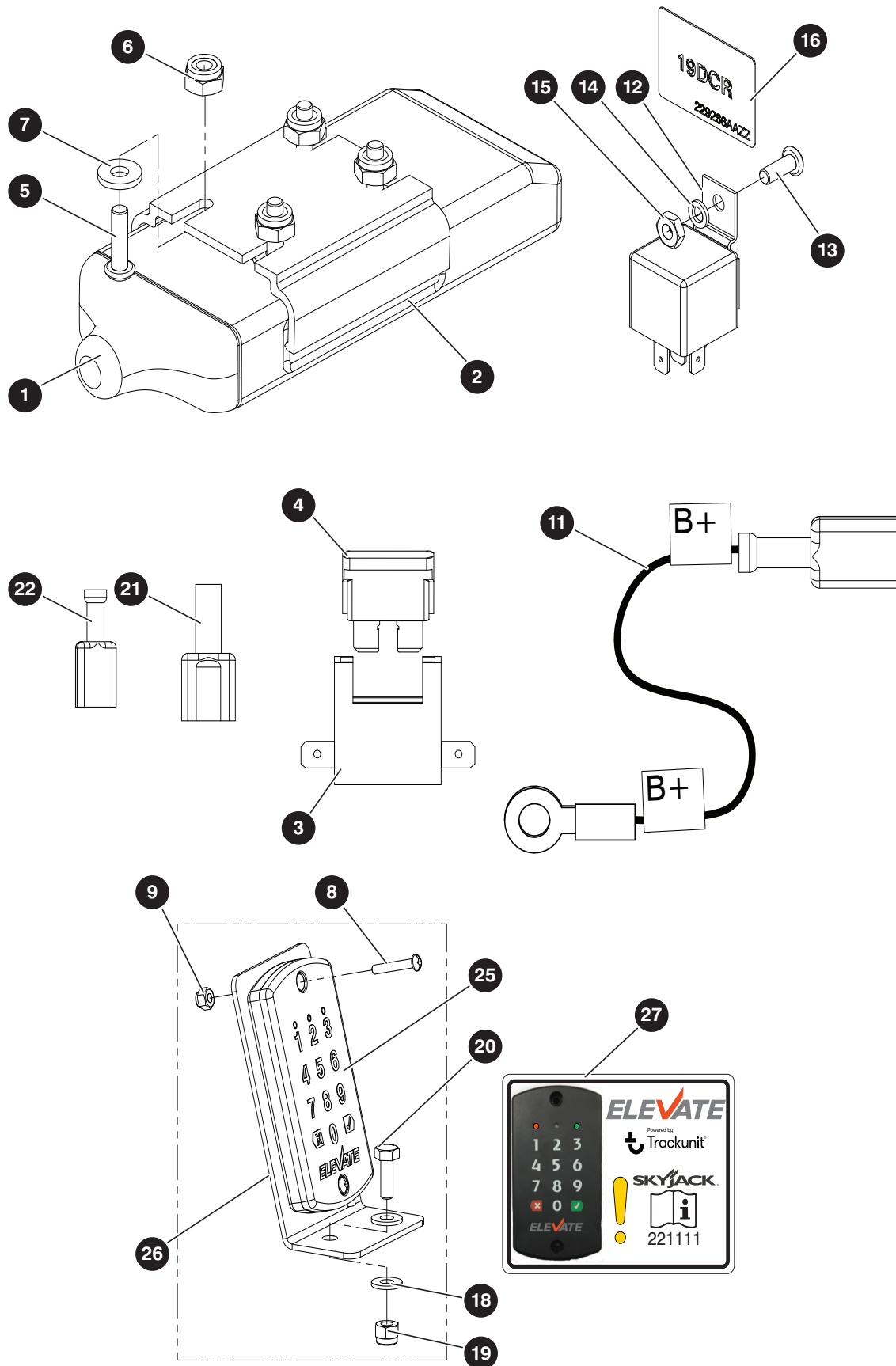
7.11 Secondary Guard Lift Enable



M220497AA

Index No.	Skyjack Part No.	Qty.	Description
A	220787	1	SECONDARY GUARDING SERVICE KIT
B	220786	1	SECONDARY GUARDING WITH SHROUD SERVICE KIT
1	161240	1	• GUARD, Control box, B
2	157759	6	• RIVET, Pop (0.188" x 0.565")
3	194731	30"	• GUARD, Edge, B
4	220498	1	• BUTTON, Push
5	105359	1	• TERMINAL, F blade (0.25" 14-16G)
6	172788	1	• LABEL, SGLE Enable switch
7	172926	1	• LABEL, SGLE
8	220559	1	• INSTRUCTION, SGLE Installation (not shown), A
	220556	1	• INSTRUCTION, SGLE Installation - Incl Shroud (not shown), B

7.12 Elevate Telematics



M230300AA

165969AL

140

SJIII 3215 SJIII 3219

SKYJACK

7.12 Elevate Telematics

Index No.	Skyjack Part No.	Qty.	Description
A	230300	1	SERVICE KIT, ELEVATE TELEMATICS - COMPACTS
B	229290	1	SERVICE KIT, ELEVATE TELEMATICS - COMPACTS (WITH KEYPAD)
-	213098	1	• CONTROL UNIT GROUP, Track Unit
1	(Ref.)	1	• • CONTROL UNIT
2	(Ref.)	1	• • BRACKET, Control Unit
3	(Ref.)	1	• • FUSE HOLDER
4	(Ref.)	1	• • FUSE, 1 AMP
-	230301	1	• TELEMATICS ASM, Install Parts
5	114678	4	• • SCREW, Round Head Machined - #6-32 x 1/2"
6	196306	4	• • NUT, Nylon Lock - #6-32 Gr. 5
7	191833	4	• • WASHER, Flat - #6
8	112248	2	• • BOLT, Round Head Machine - #8-32 x 1", B
9	138765	2	• • NUT, Nylon Lock - #8-32 Gr. 5 Zinc, B
10	226425	1	• • HARNESS, Track Unit (Not Shown)
11	220577	1	• • WIRE ASSEMBLY, B+
12	220619	1	• • RELAY ASM, Motor Contactor Cut Off
13	103962	1	• • BOLT, Machined Head/Zinc - #10-32 x 1/2"
14	104185	1	• • WASHER, Lock/Zinc - #10
15	104003	1	• • NUT, Machined - #10-32 Gr. B
16	229266	1	• • LABEL, 19DCR
17	102891	10	• • TIE WRAP CABLE, 5-3/8" (Not Shown)
18	103995	2	• • WASHER, Flat - 1/4", B
19	115649	1	• • NUT, Nylon Lock - 1/4"-20 Gr. 5, B
20	103856	1	• • BOLT, Hex Head Nylon - 1/4"-20 x 3/4" Gr. 5, B
21	114594	1	• • TERMINAL, Male - 18-22 AWG
22	114595	1	• • TERMINAL, Female - 18-22 AWG - Red
23	229265	1	• INSTRUCTIONS, Elevate Telematics - SJIII (Not Shown)
24	221111	1	• INSTRUCTIONS, OP-Telematics Track Unit (English) (Not Shown) , B
25	213099	1	• KEYPAD, Track Unit, B
26	221998	1	• BRACKET, Keypad - Track Unit, B
27	173002	1	• LABEL, Equipped with Keypad, B

 **Notes**

Section 8 – Labels

8.1 *Label Kit*

8.2 *Labels - Platform Control Console*

8.3 *Labels - Miscellaneous*

8.4 *Labels - Front and Back*

8.5 *Labels - Sides*

8.6 *Labels - Chassis Top*

8.1 Label Kit

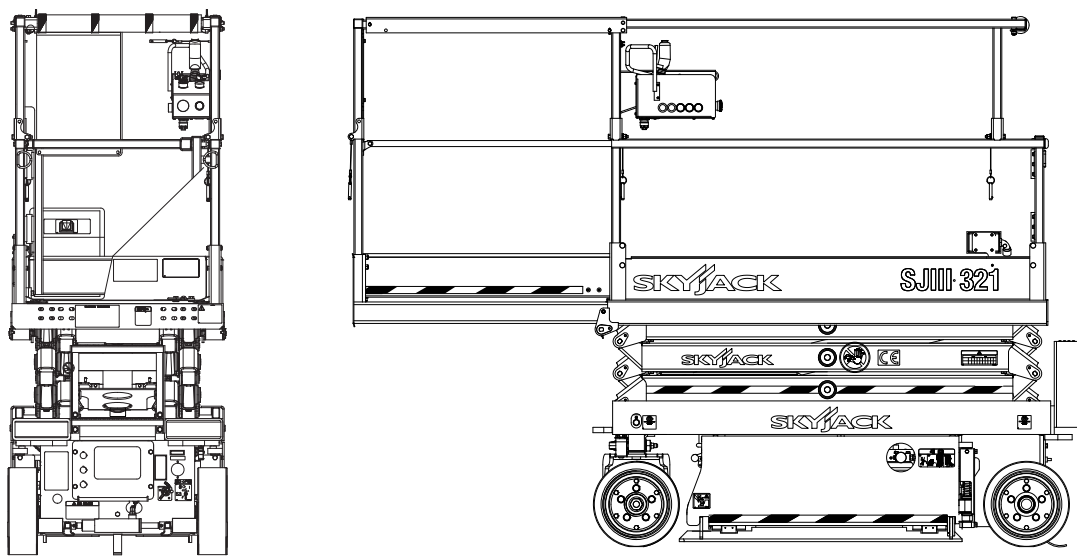
The label kit is for models SJIII 3215 & 3219. It contains labels that are common to both machines.

It excludes:

- serial numbers
- nameplate
- stripes
- tape
- platform capacities
- model designations
- side force/no wind
- all special options

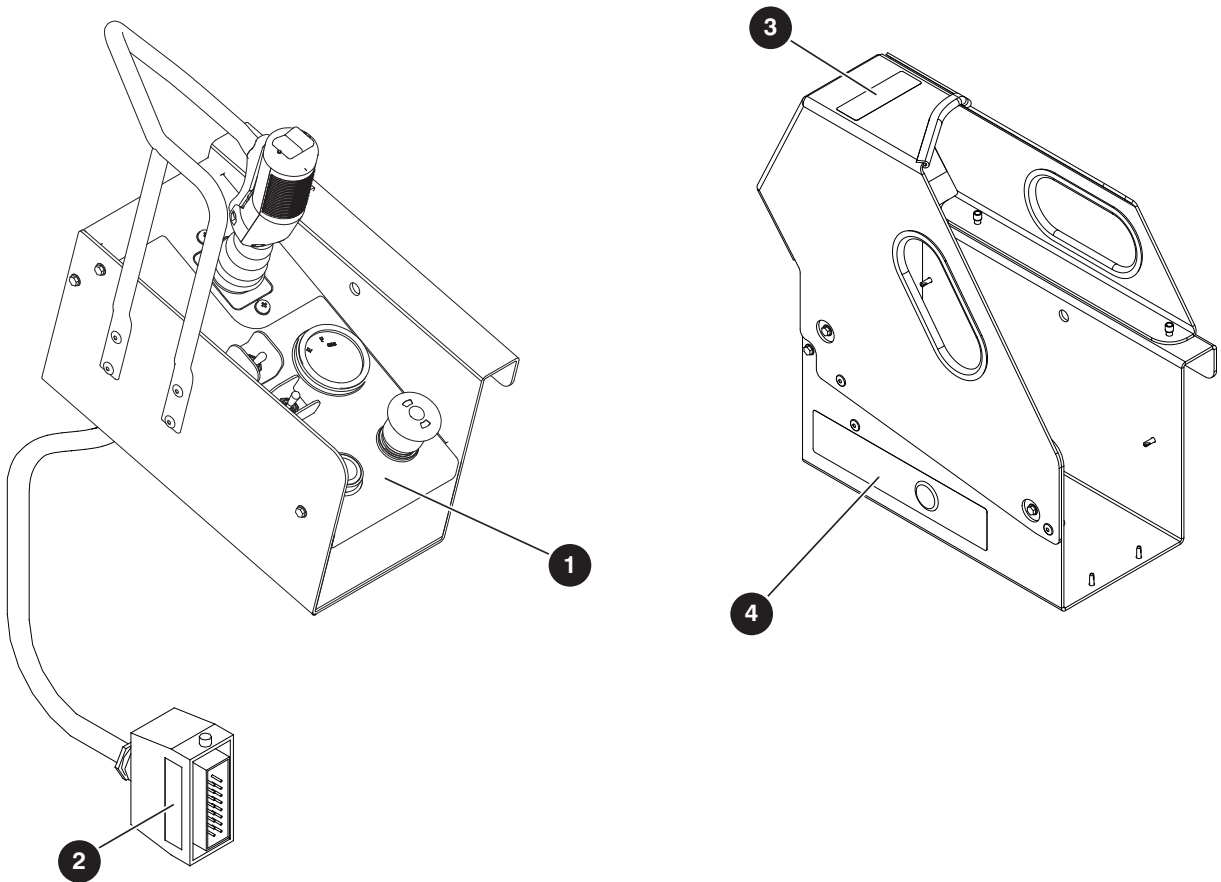
Supply model number, country and language when ordering complete machine labels.

Index No.	Skyjack Part No.	Qty.	Description
1	166934	1	LABEL KIT, SJIII 3215 & SJIII 3219



M166934AA

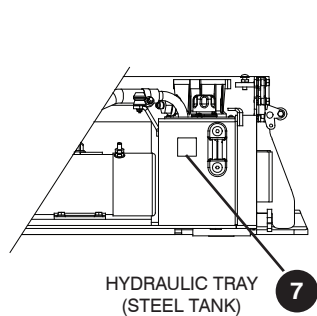
8.2 Labels - Platform Control Console



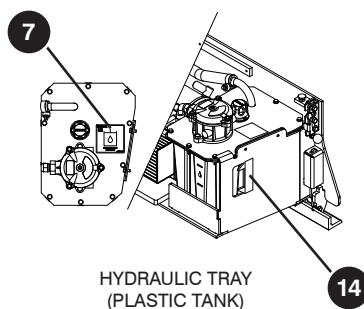
M11555AA_M220492AA_Labels

Index No.	Skyjack Part No.	Qty.	Description
1	156885	1	LABEL, Platform control console
2	118711	2	LABEL, Hydraulic proportional
3	172926	1	LABEL, SGLE
4	172788	1	LABEL, SGLE ENABLE

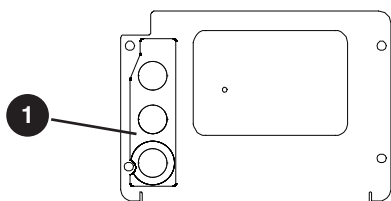
8.3 Labels - Miscellaneous



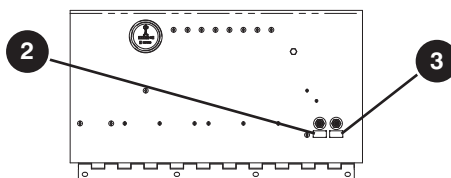
HYDRAULIC TRAY
(STEEL TANK)



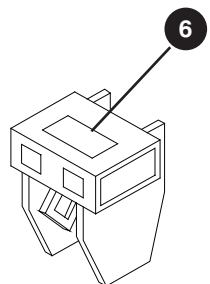
HYDRAULIC TRAY
(PLASTIC TANK)



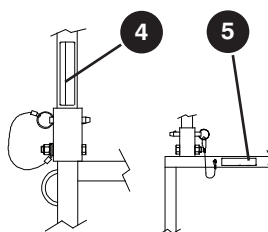
LOWER BASE CONTROLS



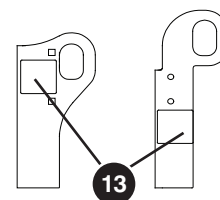
HYDRAULIC TRAY/
ELECTRICAL PANEL



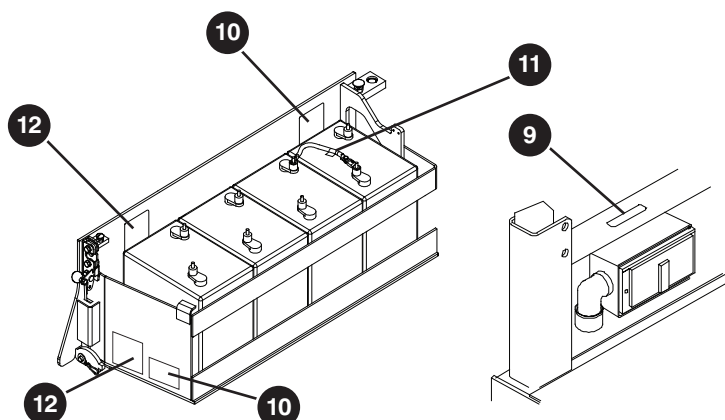
CROSS MEMBER 1ST LEVEL
INSIDE SCISSORS



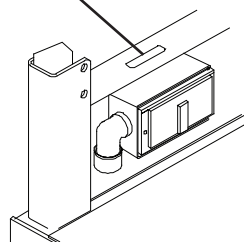
RAILING PINS



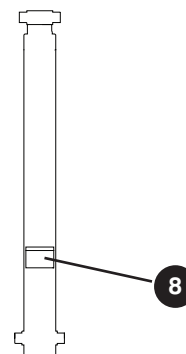
HARNESS ANCHORAGE



BATTERY TRAY



OUTLET BOX

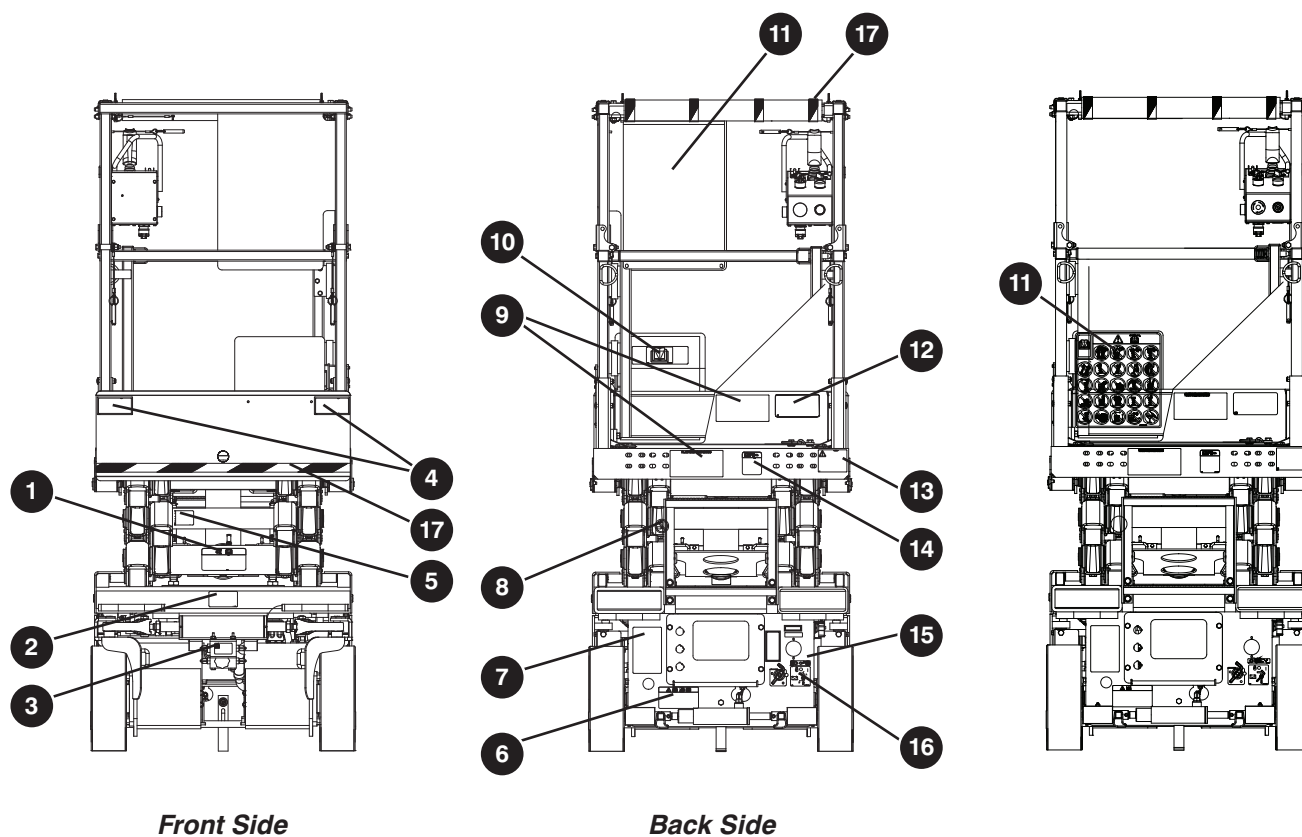


LIFT CYLINDER

8.3 Labels - Miscellaneous

Index No.	Skyjack Part No.	Qty.	Description
1	146449	1	LABEL, Base controls
2	117387	1	LABEL, Power circuit breaker
3	117389	1	LABEL, Ground circuit breaker
4	126056	AR	LABEL, Warning falling hazard - Railing pins (Vertical) (Not included in kit)
5	126057	1	LABEL, Falling hazard - Railing pins (Horizontal) (Not included in kit)
6	159664	1	LABEL, Emergency lowering
7	102961	1	LABEL, ATF DEXRON III
	161565	1	LABEL, Bio Oil
8	157792	1	LABEL, Orifice decal
9	138211	1	LABEL, Connect AC supply here
10	137278	1	LABEL, 300A Fuse location
11	137276	1	LABEL, 300A +warning
12	128160	1	LABEL, Warning battery spacer (U2200, AGM) (For Model SJIII 3215 with serial number 10004228 & Below) (For Model SJIII 3219 with serial number 22147701 & Below)
	173409	1	LABEL, Warning battery spacer (U2200, AGM) (For Model SJIII 3215 with serial number 10004229 & Above) (For Model SJIII 3219 with serial number 22147702 & Above)
	128161	1	LABEL, Warning battery spacer (U2500)
13	130018	6	LABEL, Safety lanyard
14	172425	1	LABEL, Hydraulic Oil - Small

8.4 Labels - Front and Back



M159794AF_frontend

165969AL

148

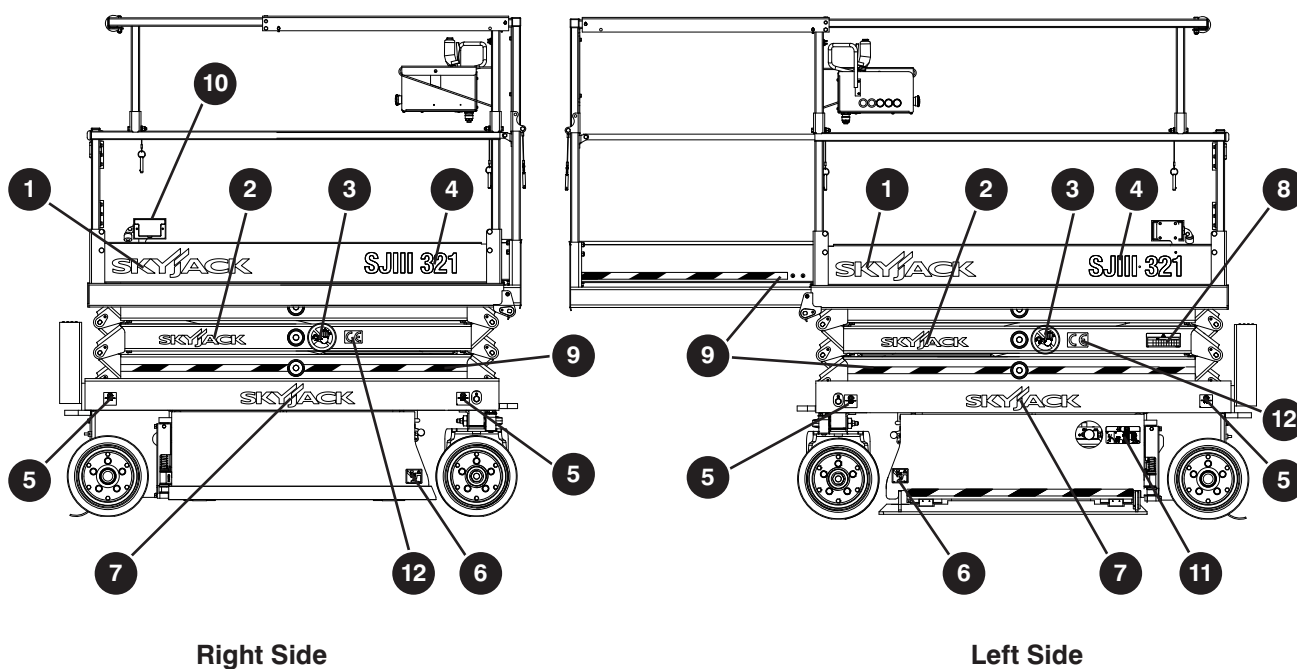
SJIII 3215 SJIII 3219

SKYJACK

8.4 Labels - Front and Back

Index No.	Skyjack Part No.	Qty.	Description
1	159664	1	LABEL, Emergency lowering
2	124767	1	LABEL, Lift point/tie down
3	158911	1	LABEL, Free wheeling valve
4	137988	2	LABEL, Crush/pinch/hazard
5	127711	1	LABEL, Safety bar place here
6	158909	1	LABEL, Winching/Towing/Pushing procedure
7	-	1	NAMEPLATE, Serial # (Consult Skyjack) (Not included in kit)
8	156613	1	LABEL, Do not alter
9	155899	2	LABEL, Platform capacities (Not included in kit)
10	123628	1	LABEL, Manual storage box
11	158913	1	LABEL, Danger/Warning (On Plate)
	172267	1	LABEL, Danger/Warning (On Manual Box)
12	155900	1	LABEL, Side force/no wind (Not included in kit)
13	124362	1	LABEL, Do not wear jewelry
14	158912	1	LABEL, Operator's checklist
15	138211	1	LABEL, Connect AC supply here
16	119674	1	LABEL, Battery disconnect switch
17	119803	AR	TAPE, Caution (1") (Not included in kit)

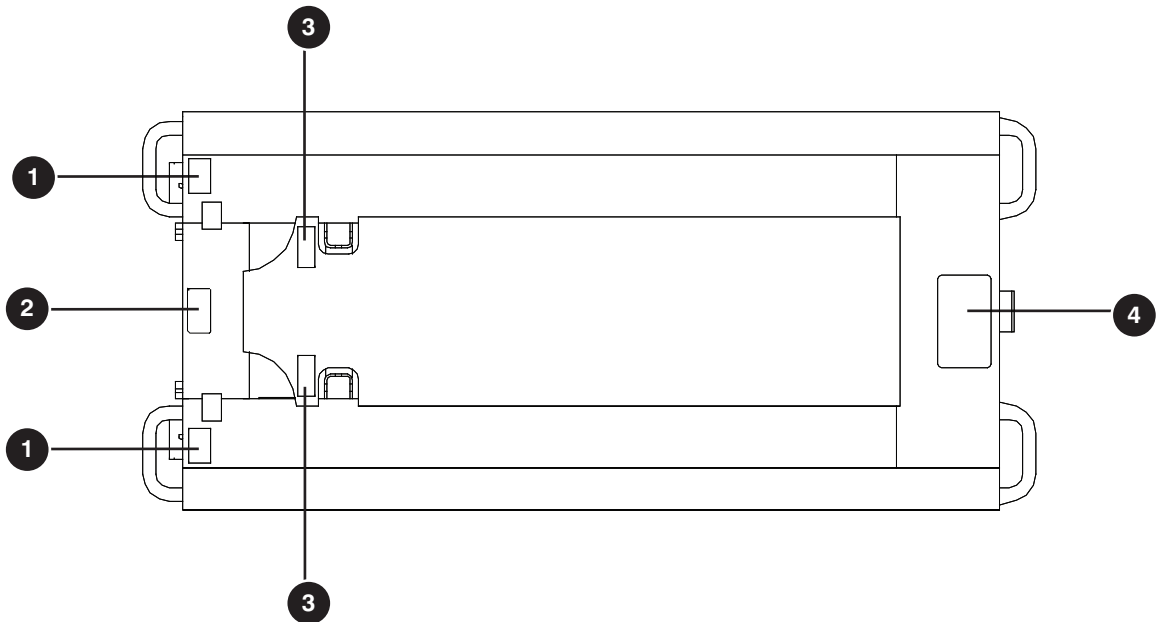
8.5 Labels - Sides



M159794AE-Left_CE

Index No.	Skyjack Part No.	Qty.	Description
1	158554	2	LABEL, SKYJACK LOGO (white - 20")
2	163860	2	LABEL, SKYJACK LOGO (white - 13")
3	139855	2	LABEL, Stay away
4	159526	2	LABEL, Model designation (Model SJIII 3215) (Not included in kit)
	159529	2	LABEL, Model designation (Model SJIII 3219) (Not included in kit)
5	132713	4	LABEL, Wheel Load Pict. (Not included in kit)
6	119866	2	LABEL, Danger pinch hand/foot
7	158536	2	LABEL, SKYJACK LOGO (white - 17")
8	156441	1	LABEL, Annual inspection
9	119803	AR	TAPE, Caution (1") (Not included in kit)
10	138211	1	LABEL, Connect AC supply here
11	159664	1	LABEL, Emergency lowering
12	117023	2	LABEL, "CE"

8.6 Labels - Chassis Top



M10626AF_3

Index No.	Skyjack Part No.	Qty.	Description
1	102896	2	LABEL, Forklift boot
2	124767	1	LABEL, Lift point/tie down
3	156613	2	LABEL, Do not alter
4	158908	1	LABEL, Maintenance bar procedure

 **Notes**



www.skyjack.com