SKYJACK

PARTS MANUAL

SJIII 3215, SJIII 3219

DC ELECTRIC SCISSORS

165973AM
October 2025
ANSI/CSA

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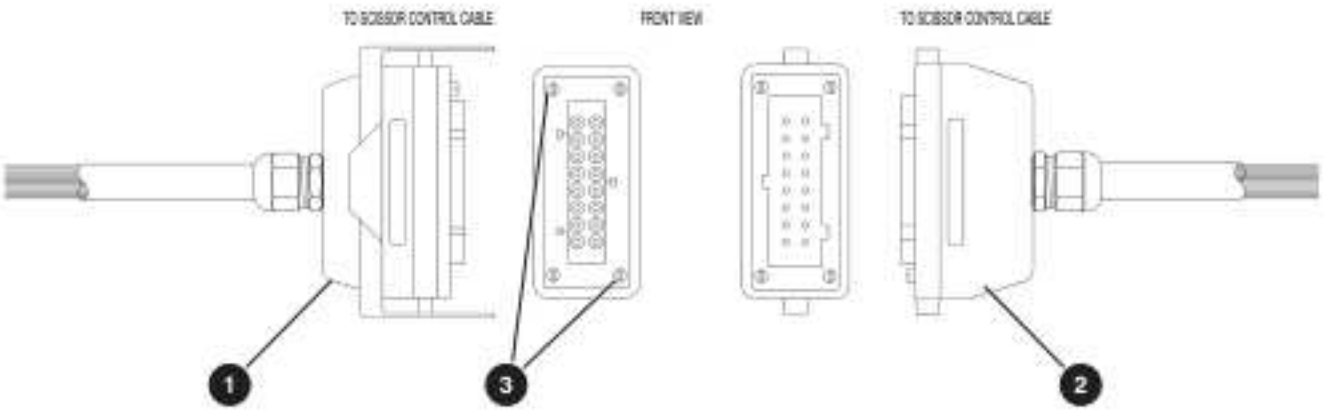
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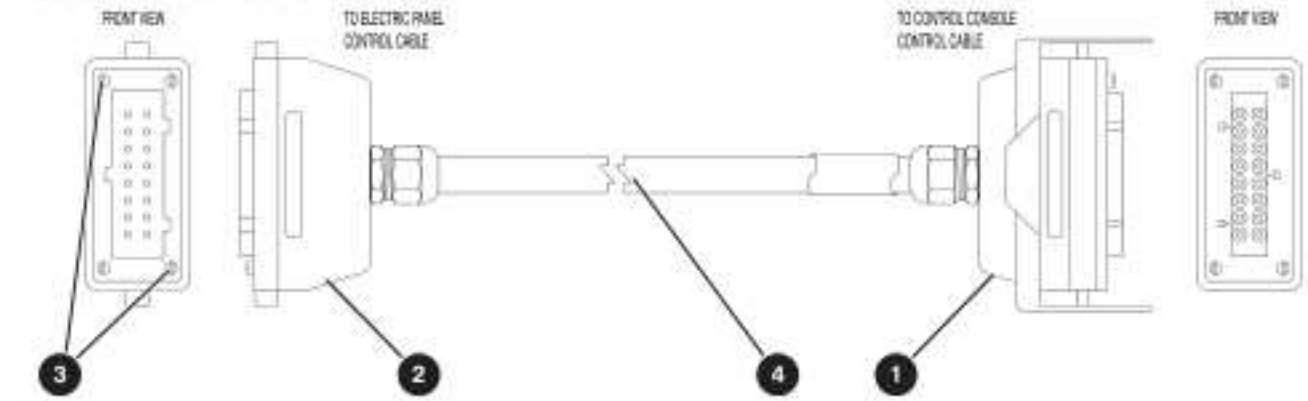
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Electric Panel Control Cable

Platform Control Cable



Scissor Arm Control Cable

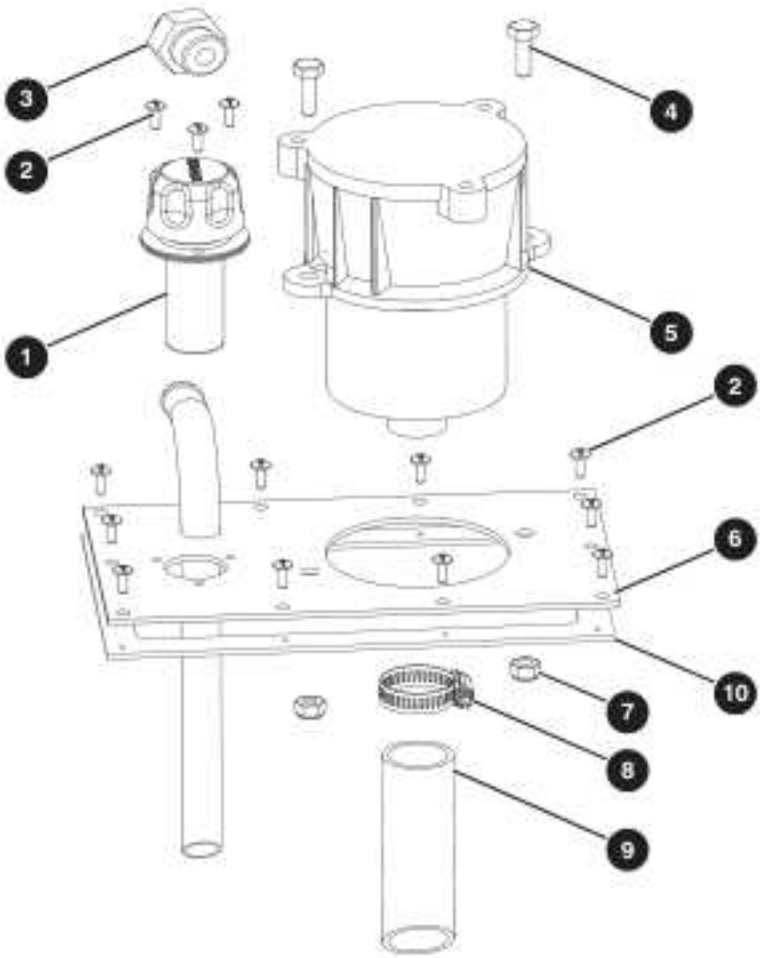


M146501AA2

Index No.	Skyjack Part No.	Qty.	Description
A	156893	-	PLATFORM CONTROL CABLE ASSEMBLY
B	146592	-	SCISSOR ARM CONTROL CABLE ASSEMBLY (Model SJIII 3219)
C	146601	-	SCISSOR ARM CONTROL CABLE ASSEMBLY (Model SJIII 3215)
D	146585	-	ELECTRIC PANEL CONTROL CABLE ASSEMBLY (Non EE-Rated)
E	163097	-	ELECTRIC PANEL CONTROL CABLE ASSEMBLY (ANSI/CSA-EE Rated)
1	107821	1	CONNECTOR, Female (16 pin)
	103565	1	• HOUSING, Female
	103573	1	• INSERT, Female
2	107820	1	CONNECTOR, Male (16 pin)
	103564	1	• HOUSING, Male
	103574	1	• INSERT, Male
3	119727	2	PIN, Code, A, D, E
		4	PIN, Code, B, C
4	102887	37'	CABTIRE (16/15, A
	102887	328'	CABTIRE,16/15, B
	102887	283'	CABTIRE, 16/15, C
	102887	73'	CABTIRE, 16/15, D
	102887	72'	CABTIRE, 16/15, E

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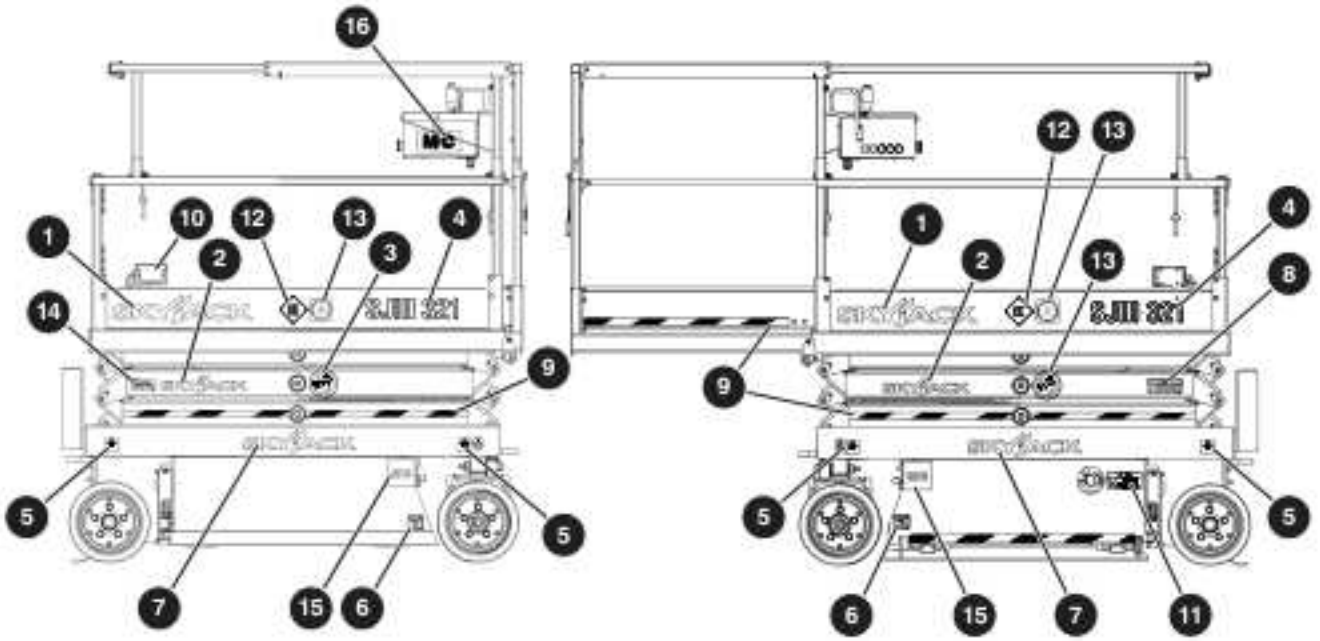
4.5 Hydraulic Tank Lid - Steel Tank



M127857AE

Index No.	Skyjack Part No.	Qty.	Description
-	127567	1	TANK LID ASSEMBLY - *Steel tank*
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	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
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

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Right Side *Left Side*

M159794AE-Right_ANSI_M159794AE-Left_ANSI_2

Index No.	Skyjack Part No.	Qty.	Description
-	(Ref.)	-	(For components, refer to Section 8.1)
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	104589	2	LABEL, EE (ANSI/CSA EE rated) (Not included in kit)
13	154888	2	LABEL, TUV (ANSI/CSA EE rated) (Not included in kit)
	104588	2	LABEL, FM approved (ANSI/CSA EE rated) (Not included in kit) (if equipped)
14	172060	1	LABEL, Consignment Stock (Not included in kit) (if equipped)
15	171949	2	LABEL, MC (4" x 4") (if equipped)
16	171948	1	LABEL, MC (6.5" x 3") (if equipped)

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4.9 Motor and Pump (Hydraulically Proportional)

Index No.	Skyjack Part No.	Qty.	Description
A	146166	1	PUMP/MOTOR UNIT (3.8 CC) (For model SJIII 3215 with serial number 10001093 & Below) (For model SJIII 3219 with serial number 22067617 & Below)
B	161936	1	PUMP/MOTOR UNIT (3.59 CC) (For model SJIII 3215 with serial number 10001094 & Above) (For model SJIII 3219 with serial number 22067618 & Above)
C	165610	1	PUMP/MOTOR UNIT (3.59 CC) **(ANSI/CSA EE-Rated)** (For model SJIII 3215 with serial number 10001094 & Above) (For model SJIII 3219 with serial number 22067618 & Above)
-	147663	1	• COUPLER, **A**
1	147664	1	• MOTOR (24 volt, 4 HP), **A**
	169260	1	• MOTOR (24 VDC), **B, C**
2	147661	1	• PUMP, Hydraulic, **A**
	169261	1	• PUMP, Hydraulic, **B, C**
3	-	-	HARDWARE, Motor/pump assembly
	103864	4	• BOLT, Hex head (5/16"-18 x 1"), **A**
	103996	4	• WASHER, Flat (5/16"), **A**
	104637	4	• WASHER, Lock (5/16"), **A**
	100397	4	• NUT, Hex head (5/16"-18), **A**
4	132756	1	PLATE, Motor/Manifold mount
5	(Ref.)	-	PROPORTIONAL MANIFOLD ASSEMBLY (For components, refer to Section 4.13 Proportional)
6	103845	4	BOLT, Hex head (5/16"-18 x 1/2", Gr. 5)
7	147208	1	HOSE, Suction (3/4" x 17.25")
8	114402	2	CLAMP, Gear (#12)
9	103886	2	BOLT, Hex head (5/16"-18 x 1.5", Gr. 5)
10	103404	6	WASHER, Lock (5/16")
11	103996	6	WASHER, Flat (5/16")
12	102665	1	FITTING, 90° (06 JICM - 08 ORBM)
13	355099	1	CABLE, Motor/Main contactor (5/16 x 35 x 3/8, #4GA)
	169201	1	CABLE, Motor/Main contactor (5/16 x 20 x 3/8, #4GA) **(ANSI/CSA EE-Rated)**
14	(Ref.)	1	CABLE, Motor/Battery (For components, refer to Section 5.1 Battery)
15	117407	1	INSULATOR, Boot (Black) **(ANSI/CSA EE-Rated)**
16	117408	1	INSULATOR, Boot (Red) **(ANSI/CSA EE-Rated)**
17	129962	1	KIT, Motor band **(ANSI/CSA EE-Rated), A**
	169505	1	KIT, Motor band **(ANSI/CSA EE-Rated), C**
18	103986	4	NUT, Hex Head (8-32), **C**
19	162061	4	SCREW, Round Head (8-32 x 3/4"), **C**
20	112249	4	WASHER, Lock (#8), **C**
21	144058	1	FITTING, 90° (12 BEAD - 10 ORBM), **C**
22	169557	2	BOLT, Socket Head (M8 x 1.25 x 75 CL 8.8 ZN), **B, C**
23	169558	2	BOLT, Socket Head (M8 x 1.25 x 95 CL 12.9 ZN), **B, C**
24	933832	4	WASHER, Flat - M8 X 16 O.D., **B, C**
K1	169535	1	KIT, Seal repair, **B, C**
K2	169623	1	Brush Kit, **B, C**

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Index No.	Skyjack Part No.	Qty.	Description
A	127718	1	BATTERY OPTION U2200
B	128518	1	BATTERY OPTION U2200 **(EE Rated)**
C	127717	1	BATTERY OPTION US 250
D	160941	1	BATTERY OPTION AGM
E	162502	1	BATTERY OPTION US 250 **(BRAZIL)**
F	162503	1	BATTERY OPTION U2200 **(BRAZIL)**
G	162504	1	BATTERY OPTION AGM **(BRAZIL)**
H	168110	1	BATTERY OPTION T105 **(SJIII 3219)**
I	168112	1	BATTERY OPTION T105 **(SJIII 3219 EE-Rated)**
1	103480	4	• BATTERY, 6V, **A, B, F**
	106552	4	• BATTERY, 6V, **C, E**
	160933	4	• BATTERY, 6V, **D, G**
	168109	4	• BATTERY, 6V, **H, I**
2	137243	1	• CABLE, Battery in-line fuse (300A), **A, B, C, E, F, G, I**
	310517		• • FUSE (300 Amp)
	195691	1	• CABLE, Battery in-line fuse (300A), **D, G**
	310517		• • FUSE (300 Amp)
3	100440	1	• SPACER, Plywood (3/8" x 10-1/2" x 28-1/2"), **A, C, D, E, F, G, H**
4	129631	2	• SPACER, Wood (2" x 3" x 9-1/2"), **A, D, C, H**
	128517	1	• SPACER, Wood (2" x 3" x 9-1/2"), **B, I**
	129633	4	• SPACER, Plywood (3/4" x 3-1/2" x 9-1/2"), **F, G, E**
5	129630	1	• SPACER, Wood (2" x 3" x 32-1/4"), **A, D, H**
	124988	1	• SPACER, Wood (5/8" x 3" x 26"), **B, I**
	129632	2	• SPACER, Plywood (3/4" x 3-1/2" x 32-1/4"), **F, G** (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"), **F, G** (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"), **F, G** (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)
9	119316	8	• BUSHING, Fibreglide
10	119608	1	• ROTARY LATCH ASSEMBLY - RH
	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.

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