SKYJACK

PARTS MANUAL

SJ30 AJE, SJ30 ARJE

ARTICULATING BOOM



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ANSI/CSA, CE, AS, KC

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Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Base				
SEAL KIT, Torque hub	0	0	1	209458
BUSHING, Steering king pin	0	1	1	148847
SEAL, Free-spinning hub	0	1	1	207247
BEARING, Inner	0	0	1	207248
BEARING, Outer	0	0	1	207249
STUD, Wheel	0	9	9	207249
SHIM KIT, Swing drive	0	0	1	207357
Platform Control Box				
HANDLE KIT, Drive/steer controller	0	1	1	141338
HANDLE KIT, Boom/turret controller	0	1	1	141325
KNOB, Rotary controller	0	1	1	198762
BLOCK, Contact N/O (yellow LED)	0	0	1	166068
BLOCK, Contact N/O (red LED, E-stop)	0	0	1	147053
BLOCK, Contact N/C (horn)	0	0	1	147054
RELAY	1	1	1	127131
SOCKET, Relay	1	1	1	138749
SWITCH, Toggle	2	2	2	102853
COIL, Solenoid	0	0	1	159821
COIL Solenoid	0	0	1	208881
COIL, Solenoid	0	0	1	166127
EDGE, Sensing	1	1	1	192151
Miscellaneous				
MANUAL BOX	1	1	1	198789
Manual of Responsibilites (ANSI/CSA)	1	1	1	173200

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Index No.	Skyjack Part No.	Qty.	Description
23	300450	6	• NUT, Lock (10-32 gr 5 nylon)
24	115545	2	• SCREW, Round head machine (10-32 x 0.375"), *A, B, D*
	115545	3	• SCREW, Round head machine (10-32 x 0.375"), *C*
25	122498	4	• SCREW, Round head machine (10-32 x 1.25")
26	128571	4	• SLEEVE, Anti vibration mount
27	213308	2	• LIGHT, Indicator - 12 V red
28	213303	1	• LIGHT, Indicator - 12 V green
29	213307	1	• LIGHT, Indicator - 12 V amber
30	102956	2	• PLUG, Snap in for 0.875" hole
31	116266	1	• CONNECTOR, Strain relief (PG21)
32	103036	2	• CONNECTOR, Strain relief (0.50" NPT)
33	138751	1	• HOUSING, Open bottom (24 pole levered)
34	138756	1	• SOCKET, 24 pole spring 16A
35	192082	1	• HOUSING, Open bottom (16 pole)
36	192084	1	• PLUG, Spring (16 pole)
37	144367	1	• ALARM, Continuous tone
38	246317	1	• CONTROLLER, Module - SMC32D-105
39	103057	1	• BEEPER, Slow pulsing (4-28 VDC)
40	192086	1	• TERMINAL BLOCK ASSEMBLY (4 X 19)
			(For components, refer to 1.9 Platform Terminal Strip)
41	138749	4	• SOCKET, Automotive relay, *A, B, D*
	138749	7	• SOCKET, Automotive relay, *C*
42	127131	4	• RELAY, 12V 40 amp, *A, B, D*
	127131	7	• RELAY, 12V 40 amp, *C*
43	-	1	• WIRING ASSEMBLY, Platform controls (not shown), *B*
	-	1	• WIRING ASSEMBLY, Platform controls (not shown), *C*
	-	1	• WIRING ASSEMBLY, Platform controls (not shown), *A, D*
	102921	10	• • DIODE, *A, B, C*
	102921	11	• • DIODE, *D*
	192152	1	• • PLUG, 35 position (blue) - SCM controller
	151643	10	• • RESISTOR - 250 ohm, *A, B, C*
	151643	12	• • RESISTOR - 250 ohm, *D*
	144492	1	• • RESISTOR - 650 ohm, *D1.6*
	138832	33	• • TERMINAL, Contact - ampseal
44	(Ref.)	1	• LABEL, Platform control box
			(For components, refer to 9.5 Labels - Platform)
45	(Ref.)	1	FOOTSWITCH
			(For components, refer to 1.10 Footswitch)
46	103995	8	WASHER, Flat (0.25" SAE)
47	115649	4	NUT, Hex head nylon (0.25"-20 gr 5)

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Index No.	Skyjack Part No.	Qty.	Description
17	(Ref.)	1	• WIRING ASSEMBLY, Base (not shown)
	102921	18	• • DIODE (T6A40L), *A, C, D*
	102921	20	• • DIODE (T6A40L), *B*
	144492	1	• • RESISTOR, 680 ohm 1 watt axial lead
	164511	1	• • CAPACITOR, 25 V (10000 UF)
18	103404	1	• WASHER, Lock (0.312")
19	100397	2	• NUT, Hex (0.312"-18 gr 5)
20	126499	2	• SCREW, Round head machine (8-32 x 0.875")
21	138765	1	• NUT, Lock (8-32 gr 5 nylon)
22	103865	1	• BOLT, Hex head (0.312"-18 x 2.00" gr 5)
23	138751	1	• HOUSING, Open bottom - 24 pole levered
24	192082	1	• HOUSING, Open bottom - 16 pole
25	138755	1	• PLUG, 24 pol spring 16A
26	192093	1	• SOCKET, 16 pole spring
27	192286	1	• SPACER (0.315 ID x 0.75" OD x x1.25" lg)
28	138278	1	• SWITCH, Toggle (2NT1-7)
29	213308	1	• LIGHT, Indicator - red (12 V)
30	192139	1	• COUNTER, With reset, *B*
31	115545	3	• SCREW, Round head machine (10-32 x 0.375"), *C*
32	221144	1	• HARNESS, Elevate trackunit telematics (not shown)
33	221158	1	• LABEL, 01DCR (not shown)
34	(Ref.)	1	• TERMINAL BLOCK ASSEMBLY (For components, refer to 4.5 Terminal Block)
35	192277	1	BRACKET, Control box mounting
36	103996	4	WASHER, Flat (0.312" SAE)
37	103995	4	WASHER, Flat (0.25" SAE)
38	103404	4	WASHER, Lock (0.312")
39	103887	3	BOLT, Heax head (0.312"-18 x 0.75" gr 5)
40	115649	4	NUT, Lock (0.25"-20 gr 5 nylon)
41	168707	1	CLAMP, Tube (1")
42	207266	1	BOLT, Hex head (0.312"-18 x 0.875" gr 5)
43	221981	1	DISPLAY, MDI CAN

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Index No.	Skyjack Part No.	Qty.	Description
-	192990	1	RISER BOOM ASSEMBLY
1	192895	1	• ARM ASSEMBLY, Link (For components, refer to 2.2 Link Arm)
2	192894	1	• ARM ASSEMBLY, Lower riser (For components, refer to 2.3 Lower Riser Arm)
3	192674	1	• ARM ASSEMBLY, 2nd riser - right (For components, refer to 2.4 2nd Riser Arm - Right)
4	192415	1	• ARM ASSEMBLY, 2nd riser - left (For components, refer to 2.5 2nd Riser Arm - Left)
5	192896	1	• ARM ASSEMBLY, 3rd riser (For components, refer to 2.6 3rd Riser Arm)
6	192989	2	• ARM ASSEMBLY, Upper riser (For components, refer to 2.7 Upper Riser Arm)
7	192893	1	• KNUCKLE, Lower (For components, refer to 2.8 Lower Knuckle)
8	192898	1	• KNUCKLE, Upper (For components, refer to 2.9 Upper Knuckle)
9	192130	1	• CYLINDER, Riser (For components, refer to 3.1 Riser Cylinder)

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