SKYJACK

PARTS MANUAL

SJ12, SJ16

VERTICAL MAST

213557ADA
June 2024
ANSI/CSA, CE, AS

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Recommended Service Parts

Description	Year 1 Qty	Year 2 Qty	Year 3 Qty	Skyjack Part No.
Hydraulic				
Seal Kit - Lift Cylinder(s)	0	1	1	157652
Valve, Hold/Emergency Lowering	0	1	1	151696
Valve, Pothole Release	0	1	1	103655
Solenoid 24V Coil, Pothole	0	1	1	104493
Seal Kit - Pothole Cylinder	0	1	1	211650
Seal Kit - Steer Cylinder	0	1	1	157562
Seal Kit - Wheel Motor	0	1	2	151099
Seal Kit - Brake, Bearing and Seal	0	1	2	156251
Seal Kit - Brake, Brake stack	0	1	2	156252
Seal Kit - Brake, O-ring	0	1	2	156253
Seal Kit - Powerpack	0	0	1	156961
Relief Valve, Powerpack Manifold - System R1	0	1	1	156956
Relief Valve, Main Manifold - Steer R2	0	1	1	158853
Relief Valve, Main Manifold - Lift R3	0	1	1	151684
Priority Flow Relief Steer Valve, Main Manifold FC1	0	0	1	158852
Valve, Counterbalance	0	0	1	147889
Valve, Lift	0	0	1	158185
Valve, Steer	0	0	1	158186
Valve, Drive	0	0	1	156850
Valve, Brake	0	0	1	103656
Miscellaneous				
Manual of Responsibilites (ANSI/CSA)	1	1	1	173200

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Index No.	Skyjack Part No.	Qty.	Description
A	213177	1	DRIVE/STEER - *ANSI/CSA*
B	213178	1	DRIVE/STEER - *CE, AS*
1	(Ref.)	1	• POWERPACK, 24V *(For components, refer to Section 4.9 Powerpack)*
2	212241	1	• BRACKET, Main valve
3	170017	1	• BRACKET, Right hand motor - control box side
4	170016	1	• BRACKET, Left hand motor
5	(Ref.)	1	• CYLINDER, Steering *(For components, refer to Section 4.7 Steer Cylinder)*
6	(Ref.)	2	• MOTOR, Hydraulic (CE14) *(For components, refer to Section 4.8 Wheel Motor and Brake)*
7	151248	1	• STEER ARM, Right hand - control box side
8	151249	1	• STEER ARM, Left hand
9	151326	2	• STEERING,Pin
10	107143	2	• ROD END, Male
11	100050	2	• BUSHING, Fibreglide
12	151465	4	• FITTING, Straight (06JICM-06JICF LIVE SW)
13	103307	4	• FITTING, (10 SAE TO -6 JIC)
14	103069	2	• FITTING, Straight (06 JICM - 06 ORBM), *A*
-	103069	1	• FITTING, Straight (06 JICM - 06 ORBM), *B*
15	107666	1	• FITTING, Cap (06JICF), *A*
16	132565	2	• CAP, Grease (GC5)
17	103887	4	• BOLT, Hex head (0.312-18" x 3/4" grade 5)
18	123855	8	• BOLT, Hex head (1/2-13" x 2-3/4" grade 8)
19	107951	2	• SCREW, Hex socket shoulder (5/8" x 1-1/4")
20	110853	4	• SCREW, Flat head cap (1/4-20" x 5/8", grade 5)
21	151650	2	• WASHER, Retainer
22	103789	2	• WASHER, Lock
23	103404	4	• WASHER, Lock (0.312")
24	104379	8	• Washer, Flat (1/2" Hard)
25	123856	8	• NUT, HEX (1/2-13" grade 8)
26	107949	2	• NUT, Hex head jam (1/2-13" grade 8)
27	106450	2	• NUT, Hex head jam (3/4-16" grade 5)
28	107947	2	• NUT, Hex head jam (1-14" grade 5)
29	103974	2	• PIN, Cotter (1/8" diameter x 1-1/2")
30	122420	1	• QUICK DISCONNECT, *B*

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4.11 Base Electrical Components

Index No.	Skyjack Part No.	Qty.	Description
A	212887	1	ELECTRICAL COMPONENTS - BASE, *ANSI/CSA*
B	212890	1	ELECTRICAL COMPONENTS - BASE, *CE*
C	212891	1	ELECTRICAL COMPONENTS - BASE, *AS*
1	105271	1	• CONNECTOR, Inlet (110V)
2	113227	1	• SEAL, Cover
3	162754	2	• RIVET (5/32"-0.312" diameter)
4	156845	1	• GROUND WIRE
5	(Ref.)	1	• LOWER CONTROL BOX, *A, C* *(For components, refer to Section 4.12 Lower Control Box)*
	(Ref.)		• LOWER CONTROL BOX, *B* *(For components, refer to Section 4.12 Lower Control Box)*
6	(Ref.)	1	• CIRCUIT BREAKER AND HORN *(For components, refer to Section 4.14 Circuit Breaker and Horn)*
7	103995	20	• WASHER, Flat (1/4")
8	103965	4	• SCREW, Round head machine (1/4"-20 x 3/4")
9	104000	14	• WASHER, Lock (1/4")
10	103892	4	• BOLT, Hex head (1/4"-20 x 5/8", grade 5)
11	104003	2	• NUT, Hex head (#10-32)
12	146475	1	• SOLENOID SWITCH
13	156844	2	• NUT, Hex head (5/16"-24, grade 5)
14	103980	6	• NUT, Hex head (1/4"-20, grade 8)
15	103856	2	• BOLT, Hex head (1/4"-20 x 3/4", grade 5)
16	103891	4	• BOLT, Hex head (1/4"-20 x 7/8", grade 5)
17	151207	1	• CONTROLLER, Pump motor (24VDC - 360 A)
18	158113	1	• BACKPLATE
19	199401	1	• LIMIT SWITCH
-	199412	1	• • SWITCH, Limit roller plunger 2m cable
-	117578	1	• • CONNECTOR, Receptacle (4 pin)
-	117580	1	• • CONNECTOR, Receptacle (4 pin wedge)
-	117590	4	• • CONNECTOR, Pin (Contact 16-18)
20	157375	1	• SWITCH, Tilt (combo)
21	104185	2	• WASHER, Lock (#10)
22	103962	2	• SCREW, Round head machine (#10-32 x 1/2")

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