SKYJACK

PARTS MANUAL

SJ61T, SJ66T

TELESCOPIC BOOMS



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ANSI/CSA, CE, AS

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Index No.	Skyjack Part No.	Qty.	Description
A	166485	1	PLATFORM - 8' with Drop Bars - *ANSI/CSA*
B	166486	1	PLATFORM - 8' with Drop Bars - *CE & AS*
C	166489	1	PLATFORM - 6' with Drop Bars - *ANSI/CSA*
D	166490	1	PLATFORM - 6' with Drop Bar - *CE & AS*
1	159431	1	• PLATFORM BASE, *A*
	154317	1	• PLATFORM BASE, *C*
	(Ref.)	1	• PLATFORM BASE - CE & AS, *B, D* (For components, refer to 1.4 Platform Base - CE & AS)
2	(Ref.)	1	• RAILINGS (For components, refer to 1.3 Railings)
3	(Ref.)	1	• DROP BAR GATE (For components, refer to 1.6 Drop Bar Gate)
4	103996	32	• WASHER, Flat (0.312")
5	103865	12	• BOLT, Hex head (0.312"-18 x 2.00" gr 5)
6	103984	16	• NUT, Lock (0.313"-18 gr 5 nylon)
7	103866	4	• BOLT, Hex head (0.312"-18 x 2.25" gr 5)
8	139193	8	• BOLT, Hex head patch (0.375"-16 x 0.875" gr 8)
9	138559	1	• NUT, Torque lock (1-8 gr C)
10	198789	1	• BOX, Manual
11	103856	4	• BOLT, Hex head (0.25"-20 x 0.75" gr 5)
12	138696	1	• BOLT, Hex head (1.0"-8 x 10.5" gr 8)
13	103995	4	• WASHER, Flat (0.25")
14	125959	8	• WASHER, Flat (0.375" hard)
15	102646	1	• WASHER, Flat (1.00" SAE)
16	115649	4	• NUT, Lock (0.25"-20 gr 5 nylon)
17	207981	1	• BAG, Resealable (12" x 9" x 0.002")
18	114710	1	• KEY RING, Skyjack
19	173200	1	• MANUAL, Manual of responsibilities (not shown) - *ANSI/CSA*

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Index No.	Skyjack Part No.	Qty.	Description
-	211349	1	• ENGINE MOUNTS ASSEMBLY
40	198202	2	• • MOUNT Engine - rear
41	163028	4	• • MOUNT, Vibration
42	149419	4	• • BOLT, Hex head (M12 x 1.75 x 35 mm gr 8.8)
43	600426	4	• • WASHER, Flat (M12)
44	163200	4	• • WASHER, Snubbing
45	103469	4	• • BOLT, Hex head 0.50-13 X 3.250 GR5
46	104379	4	• • WASHER, Flat (0.50" USS)
47	702507	4	• • NUT, Lock (0.50"-13 gr C nylon)
48	112532	8	• • BOLT, Hex head (0.312"-18 x 1.25" gr 5)
49	103996	16	• • WASHER, Flat (0.312")
50	103984	8	• • NUT, Lock (0.313"-18 gr 5 nylon)
51	103472	8	• • WASHER, Flat (0.375")
52	101297	8	• • BOLT, Hex head (0.375"-16 x 1.25" gr 5)
53	211356	1	• • BRACKET, Engine diagnostic display
54	(Ref.)	1	• FLYWHEEL COUPLING (For components, refer to 7.18 Engine Coupling - Perkins)
55	(Ref.)		• RADIATOR ASSEMBLY (For components, refer to 7.9 Radiator - Perkins 2.2TA)
56	(Ref.)		• AIR INTAKE ASSEMBLY (not shown) (For components, refer to 7.10 Air Intake - Perkins 2.2TA)
-	212425	1	• EXHAUST ASSEMBLY
57	212429	1	• • TAIL PIPE
58	148377	2	• • CLAMP, Exhaust pipe (2")
59	212426	1	• • BRACKET, Exhaust
60	966340	2	• • BOLT, Hex head cap screw (M10 x 1.5 x 20 mm cl 8.8)
61	600315	2	• • WASHER, Flat (M10 DIN 125)
62	212237	1	• CABLE, Alternator (not shown)
63	212164	1	ENGINE HARNESS ASSEMBLY (not shown)
	212163	1	• HARNESS, Perkins OEM
	211656	1	• HARNESS, Perkins - factory long
64	138834	2	SCREW, Round head machine (10-24 x 0.75")
65	104694	4	WASHER, Flat (#10)
66	126642	2	NUT, Lock (10-24)
67	103858	4	BOLT, Hex head (0.25"-20 x 1.25" gr 5)
68	103995	4	WASHER, Flat (0.25")
69	116218	1	WASHER, Lock (M8 DIN 127B)
70	121059	1	NUT, Hex head (M8-1.25 DIN 934)
71	133219	2	WASHER, Flat (M6 DIN 125)
72	121758	2	WASHER, Lock (M6 DIN 127B)
73	600354	2	NUT, Hex head (M6-1.00)
74	152351	1	WASHER, Flat (M5 DIN 125)
75	133872	1	NUT, Hex head (M5-0.8)
76	(Ref.)	1	FUSE BOX (For components, refer to 5.14 Fuse Box - Perkins 2.2TA)

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8.9 Fuel Line Hoses – Kubota WG2503 Engine

Index No.	Skyjack Part No.	Qty.	Description
-	171172	1	FUEL TANK ASSEMBLY - Kubota WG2503
1	142397	7	• QUICK CONNECT, Straight
2	104000	2	• WASHER, Lock (0.25")
3	103470	1	• WASHER, Lock (0.50")
4	103892	2	• BOLT, Hex head (0.25"-20 x 0.625" gr 5)
5	103909	4	• BOLT, Hex head (0.50"-13 x 1.25" gr 5)
6	103862	4	• BOLT, Hex head (0.25"-20 x 2.25" gr 5)
7	103996	4	• WASHER, Flat (0.25")
8	104379	1	• WASHER, Flat (0.50" hard)
9	115649	2	• NUT, Hex head nylon lock (0.25"-20 gr 5)
10	103321	10	• CLAMP, Gear
11	170571	2	• QUICK CONNECT (SAE #3)
12	170572	2	• QUICK CONNECT (SAE #6)
13	(Ref.)	1	• TANK, Gasoline - steel (For components, refer to 4.13 Fuel Tank - Gasoline)
14	166755	1	• BRACKET, Fuel manifold
15	142405	24"	• FUEL LINE, 5/16"
16	142405	2.25"	• FUEL LINE, 5/16"
17	142405	8"	• FUEL LINE, 5/16"
18	142405	14"	• FUEL LINE, 5/16"
19	171177	1	• CLAMP, Loop
20	142405	120"	• FUEL LINE, 5/16"
21	142398	1	• QUICK CONNECT, 90 elbow*
22	164881	1	PUMP, Fuel
23	164883	1	MANIFOLD, Fuel pressure
24	136118	1	FILTER, Fuel
-	171196	1	PROPANE LINE ASSEMBLY
25	144327	1	• HOSE, Propane
26	143478	1	• FITTING, Nipple (04NPTM- x 2.00" lg)
27	100385	1	• FITTING, Straight (04NPTF-06NPTM)
28	144325	1	• FITTING, 90° elbow (04NPTF-04NPTF)
29	103156	1	• FITTING, Straight (06JICM-04NPTM)

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4.20 Base Control Box - Deutz D2011 & Kubota

Index No.	Skyjack Part No.	Qty.	Description
			Items A through H are for serial numbers 97 003 631 & above
A	228332	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Deutz D2011 engine***
B	228340	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Deutz D2011with Posi-Air Option***
C	228281	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Deutz D2011 engine***
D	228289	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Deutz D2011 with Posi-Air Option***
E	165515	1	BASE CONTROL BOX - ***SJ66T CE - Deutz D2011 engine***
F	165652	1	BASE CONTROL BOX - ***SJ66T AS - Deutz D2011 engine***
G	228336	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Kubota engine***
H	228285	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Kubota engine***
			Items I through P are for serial numbers 97 003 630 & below
I	165511	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Deutz D2011 engine***
J	195340	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Deutz D2011with Posi-Air Option***
K	165512	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Deutz D2011 engine***
L	195147	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Deutz D2011 with Posi-Air Option***
M	165515	1	BASE CONTROL BOX - ***SJ66T CE - Deutz D2011 engine***
N	165652	1	BASE CONTROL BOX - ***SJ66T AS - Deutz D2011 engine***
O	165513	1	BASE CONTROL BOX - ***SJ61T ANSI/CSA - Kubota engine***
P	165514	1	BASE CONTROL BOX - ***SJ66T ANSI/CSA - Kubota engine***
-	138710	1	• CONTROL BOX, ***A, C, E, F, G, I, K, M, N, O, P***
	195146	1	• CONTROL BOX, ***B, D, J, L***
1	138711	1	• • BODY, Base control console
2	138712	1	• • DOOR, Control console
3	138713	1	• • PANEL, Control console
4	138715	1	• • LATCH, Slotted door
5	138723	1	• • WEATHER STRIP
6	103995	4	• • WASHER, Flat (1/4")
7	115649	4	• • NUT, Hex head lock (1/4"-20 Grade 5, nylon)
8	138724	4	• • STANDOFF, Nylon (0.26" ID x 1/2")
9	138714	1	• • HINGE, Continuous
10	127131	13	• RELAY, 12V (40 AMP) ***A, C, I, K***
	127131	14	• RELAY, 12V (40 AMP) ***B, D, J, L***
	127131	15	• RELAY, 12V (40 AMP) ***E, F, G, M, N, O***
	127131	9	• RELAY, 12V (40 AMP) ***H, P***
11	138749	16	• SOCKET, Automotive relay ***A, C, F, G***
	138749	17	• SOCKET, Automotive relay ***B, D, E, J, L, M***
	138749	11	• SOCKET, Automotive relay ***H, P***
12	112327	6	• SCREW, Hex head self-tapping (#8-18 x 1/2") ***A, B, C, D, E, F, H***
	112327	7	• SCREW, Hex head self-tapping (#8-18 x 1/2") ***G***
13	103991	6	• WASHER, Flat (#8) ***A, B, C, D, E, F, H***
	103991	7	• WASHER, Flat (#8) ***G, O***
14	(Ref.)	1	• TERMINAL STRIP, Base
15	117325	3	• CIRCUIT BREAKER (15 AMP)
16	102853	6	• SWITCH, Toggle ***A, B, H, I, J, P***
	102853	7	• SWITCH, Toggle ***C, D, E, F, K, L, M, N***
	102853	5	• SWITCH, Toggle ***G, H, O, P***
17	195940	1	• HOUR METER

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1.8 Platform Control Box

Index No.	Skyjack Part No.	Qty.	Description
A	195132	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ61T ANSI/CSA - Kubota*
B	195131	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ61T ANSI/CSA - Deutz & Perkins*
C	195128	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ66T ANSI/CSA - Kubota*
D	195127	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ66T ANSI/CSA - Deutz & Perkins*
E	228510	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ66T CE - Deutz TCD2.2*
F	195129	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ66T CE - Deutz D2011*
G	195130	1	PLATFORM CONTROL BOX ASSEMBLY - *SJ66T AS - Deutz*
-	154122	1	• PLATFORM CONTROL BOX, *A, B, C, D, F, G*
	228513	1	• PLATFORM CONTROL BOX, *E*
1	154123	1	• • BODY, Platform control box, *A, B, C, D, F, G*
	228511	1	• • BODY, Platform control box, *E*
2	154124	1	• • LID, Platform control box
	224687	1	• • LID, Platform control box, *E*
3	149384	1	• • HINGE, Nylon - LH
	149385	1	• • HINGE, Nylon - RH
4	138715	2	• • LATCH, Slotted door
5	138334	1	• • STRIP, Weather
6	159879	2	• • STUD, Pem alum (#10-32 x 0.375")
7	103959	8	• • SCREW, Round head machine (#10-32 x 1/4")
8	163512	8	• • NUT, Lock int tooth (#10)
9	(Ref.)	1	• CONTROLLER, Drive / Steer (For components, refer to 1.10 Drive / Steer Controller)
10	138226	1	• CONTROLLER, Function Speed
	196762	1	• • KNOB, Rotary Controller
11	(Ref.)	1	• PLATFORM CONTROL BOX TERMINAL STRIP (For components, refer to 1.11 Platform Terminal Strip)
12	(Ref.)	1	• CONTROLLER, Boom / Turret Controller (For components, refer to 1.9 Boom / Turret Controller)
13	164994	1	• CONTROLLER MODULE, SCM, *A, B, C, D, G*
	170006	1	• CONTROLLER MODULE, SCM, *E, F*
14	103057	1	• BEEPER, 4-28VDC Slow pulsing
15	127131	7	• RELAY, 12V (40 AMP), *A, B, C, D*
	127131	9	• RELAY, 12V (40 AMP), *E, F, G*
16	138749	7	• SOCKET, Automotive relay, *A, B, C, D*
	138749	9	• SOCKET, Automotive relay, *E, F, G*
17	138751	2	• HOUSING, Open bottom 24 pin levered
18	138756	1	• SOCKET, 24 Pin spring (16A)
19	138755	1	• PLUG, 24 Pin spring (16A)
20	138229	1	• MODULE, Upper indicating
	139203	6	• • BULB, 12V
21	144648	1	• PUSHBUTTON, Horn
	147056	1	• • LATCH, Mounting
	147054	1	• • BLOCK, NO Contact
	147058	1	• • SWITCH HEAD, Horn pushbutton
22	144647	1	• SWITCH, Emergency stop
	147056	1	• • LATCH, Mounting
	147053	2	• • BLOCK, NC Contact

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