

PARTS MANUAL

TELESCOPIC BOOMS

MODELS SJ61T SJ66T

163737AF July 2024

SKYJACK

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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	EXTENSION CYLINDER ASSEMBLY (For components, refer to Section 3.2)
2	146782	2	PAD, Side (Extension cylinder)
3	146783	1	PAD, Top (Extension cylinder)
4	920077	2	PAD, Top/Bottom (Mid boom)
5	139739	2	FITTING, Elbow, 45° (8 SAE - 8 JIC)
6	146794	1	PULLEY, Extension cylinder
7	146784	1	CABLE CYLINDER STOP
8	146728	1	PIN, Pulley 1
9	146779	2	PAD, Rod end (Extension cylinder)
10	125741	1	BOLT, Hex head (3/8"-16 x 7/8" Grade 8)
11	103472	7	WASHER, Flat (3/8")
12	146897	1	PIN KEEPER (3/8")
13	710256	4	SCREW, Flat head cap (1/4"-20 x 1", stainless steel)
14	146918	4	SCREW, Flat head cap (1/4"-20 x 1 1/2" Grade 5)
15	103913	2	BOLT, Hex head (3/8"-16 x 4 1/2" Grade 5)
16	123708	4	BOLT, Hex head (3/8"-16 x 4 1/4" Grade 5)
17	104606	4	NUT, Hex lock (3/8"-16, Grade 5, nylon)
18	115745	4	BOLT, Hex head (ZP, M10 x 1.5 x 33mm, CL 8.8)
19	132497	4	WASHER, Lock (M10, plated DIN 127B)
20	600315	4	WASHER, Flat (M10, DIN 125)

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Index No.	Skyjack Part No.	Qty.	Description
-	148478	1	FUEL TANK ASSEMBLY (Gasoline, steel)
1	148479	1	• TANK, Fuel (steel)
2	117701	1	• PLUG (3/4"-16UNF with magnet)
3	136369	1	• CAP, Fuel (filler non-vented)
4	138230	1	• SWITCH, Fuel level
5	103155	2	• FITTING, Brass tank (#T68-5B)
6	144338	2	• TUBE, Fuel send/return
7	148422	1	• GAUGE, Level
8	144392	1	• VALVE, Dual action
9	138739	4	BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
10	127067	4	WASHER, Flat (3/8", Style BB)
11	142397	9	FITTING, Quick disconnect (straight)
12	116997	1	BOLT, Hex head (1/2"-13 x 3/4" Grade 5)
13	103470	1	WASHER, Lock (1/2")
14	103468	1	WASHER, Flat (1/2")
15	103861	2	BOLT, Hex head (1/4"-20 x 2" Grade 5)
16	104000	2	WASHER, Lock (1/4")
17	103995	2	WASHER, Flat (1/4")
18	(Ref.)	1	PUMP, Fuel (For components, refer to Section 7.3)
19	(Ref.)	1	FILTER, Fuel (For components, refer to Section 7.3)
20	(Ref.)	1	MANIFOLD, Fuel (For components, refer to Section 7.3)
21	146796	1	TRAY, Fuel tank
22	103473	4	BOLT, Hex head (3/8"-16 x 1" Grade 5)
23	103999	6	WASHER, Lock (3/8")
24	103472	8	WASHER, Flat (3/8")
25	103978	2	NUT, Hex head (3/8"-16 Grade 5)
26	103596	2	BOLT, Hex head (3/8"-16 x 2" Grade 5)

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Index No.	Skyjack Part No.	Qty.	Description
A	144186	1	12kW GENERATOR CONNECTION ASSEMBLY (Model 61T)
B	144187	1	12kW GENERATOR CONNECTION ASSEMBLY (Model 66T)
1	144173	1	• ENCLOSURE, Electrical
2	144367	2	• STRAIN RELIEF (1")
3	103041	1	• CONNECTOR, Strain relief (1/4", blue)
4	103856	4	• BOLT, Hex head (1/4"-20 x 3/4")
5	103995	4	• WASHER, Flat (1/4")
6	115649	4	• NUT, Hex lock (1/4"-20 Grade 5, nylon)
7	102874	4.5"	• DINRAIL
8	104694	2	• WASHER, Flat (#10)
9	115545	2	• SCREW, Round head machine (#10-32 x 3/8")
10	141631	1	• BREAKER, Circuit (50AMP)
11	141630	1	• BREAKER, Circuit (15AMP)
12	144185	1	• TERMINAL BLOCK, Through (3-COND 8 AWG)
13	144184	1	• TERMINAL BLOCK, Ground (3-COND 8 AWG)
14	144368	1	• END PLATE
15	707147	1	• END STOP
16	(Ref.)	-	• CABLE (runs through power track) (For components, refer to Section 9.13)
17	(Ref.)	-	• CABLE ASSEMBLY (Generator to CB5) (For components, refer to Section 9.13)
18	(Ref.)	-	• 110V CABLE ASSEMBLY (12kW generator) (For components, refer to Section 9.13)
19	(Ref.)	-	• GROUND WIRE ASSEMBLY (For components, refer to Section 9.13)
20	141614	1	• ELECTRICAL COMPONENT ASSEMBLY
21	139835	1	• • FD BOX, Receptacle (50A)
22	139832	1	• • RECEPTACLE, Single locking
23	139836	1	• • COVER, Weather resistant (50A)
24	104694	2	• • WASHER, Flat (#10)
25	120094	2	• • SCREW, Round head machine (#10-32 x 5/8")
26	702613	1	• STRAIN RELIEF (1"-18)
27	(Ref.)	-	• WIRES, Jumper (For components, refer to Section 9.13)
28	117326	1	CIRCUIT BREAKER (20 Amp)
29	127131	1	RELAY, 12V (40 AMP)
L1	141692	1	LABEL, Hazardous Voltage

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Label Kits

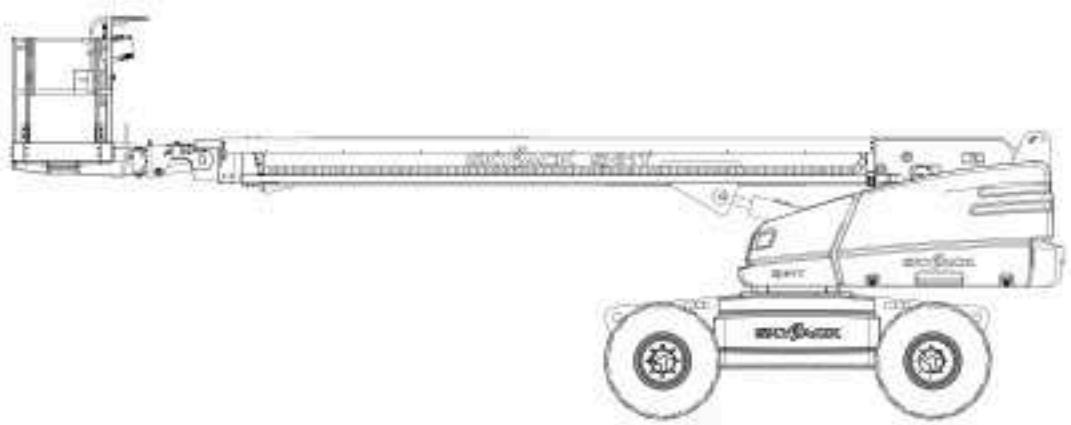
The following label kit is for models SJ 61T and 66T. It contains labels that are common to both machines.

It excludes:

- *Serial numbers*
- *Platform capacities*
- *Model designations*
- *Control consoles*

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

Label Kits		
MODELS	ANSI/CSA	CE
	Part # 160626	Part # 160627
SJ 61T	97,000,806 - 97,000,917	97,000,806 - 97,000,917
SJ 66T	97,000,806 - 97,000,917	97,000,806 - 97,000,917



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Fitting Arrangement Schedule (Continued from the previous page)

HOSE PREFIX	HOSE END FITTING	HOSE END FITTING	S.A.E. HOSE SPECIFICATION
H16	NO FITTING	NO FITTING	100R4
H17	NO FITTING	NO FITTING	300 PSI
H18	REUSABLE, FEMALE, 37º JIC, SWIVEL	NO FITTING	300 PSI
H19	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R13
H20	FEMALE, SHORT 37º JIC, SWIVEL	SHORT 90º, FEMALE, 37º JIC, SWIVEL	100R4
H21	FEMALE, SHORT 37º JIC, SWIVEL	SHORT 90º, FEMALE, 37º JIC, SWIVEL	100R2AT
H22	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R2AT
H23	FEMALE, LONG 37º JIC, SWIVEL	LONG 90º, FEMALE, 37º JIC, SWIVEL	100R2AT
H24	FEMALE, SHORT 37º JIC, SWIVEL	SHORT 90º, FEMALE, 37º JIC, SWIVEL	100R13
H25	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R4
H26	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H27	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H28	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H29	SHORT 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H30	MEDIUM 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H31	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H32	SHORT 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H33	MEDIUM 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H34	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H35	MEDIUM 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H36	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H37	SHORT 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R4
H38	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R4
H39	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R4
H40	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R16
H43	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R16
H51	FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H52	SHORT 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H53	MEDIUM 45º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H54	SHORT 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H55	MEDIUM 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17
H56	LONG 90º, FEMALE, 37º JIC, SWIVEL	FEMALE, 37º JIC, SWIVEL	100R17

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