

PARTS MANUAL

TELESCOPIC BOOMS

MODELS SJ61T SJ66T

160621AK July 2024

SKYJACK

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Table of Contents

1.0 PLATFORM RELATED PARTS

1.1 Railing Assemblies - Side Gate 8
1.2 Railing Assemblies - Back Gate (CE) 10
1.3 Gate Assembly 13
1.4 Footswitch Assembly 14
1.5 Platform Base Assembly (ANSI/CSA) 15
1.6 Platform Base Assembly (CE) 16
1.7 Platform Control Console Assembly 18
1.8 Boom / Turret Controller Assembly (Dual Axis) 22
1.9 Drive / Steer Controller Assembly (Single Axis) 24
1.10 Platform Terminal Strip 26

2.0 BOOM RELATED PARTS

2.1 Boom Assembly Hardware 28
2.2 Main Boom Assembly 30
2.3 Fly Boom Assembly 31
2.4 Mid Boom Assembly 32
2.5 Power Track Carrier Assembly 34
2.6 Power Track - Support Mounts 38
2.7 Limit Switch Box Assembly 39
2.8 Jib Assembly - 66T 40
2.9 Rotary Actuator Mounting - 61T 42
2.10 Jib Lift / Platform Rotate Valve Assemblies 44

3.0 CYLINDER RELATED PARTS

3.1 Extension Cylinder Hardware 48
3.2 Extension Cylinder Assembly 50
3.3 Lift and Master Cylinder Hardware 52
3.4 Lift Cylinder Assembly 53
3.5 Master Cylinder Assembly 54
3.6 Slave Cylinder Assembly 55
3.7 Jib Cylinder Assembly 56
3.8 Axle Lockout Cylinder Assembly 57

4.0 TURRET RELATED PARTS

4.1 Cowling Assemblies 60
4.2 High Pressure Filter Assembly 65
4.3 Turret Assembly 66
4.4 Charge Filter Assembly 68
4.5 Main Manifold Assembly 70
4.6 Brake Manifold Assembly 74
4.7 Manifold Mounting Hardware 77
4.8 Rotary Manifold Assembly 78
4.9 Hydraulic Tank Assembly 82
4.10 No Generator and Oil Cooler Hose Fittings 84
4.11 Turret Swing Drive Assembly 85
4.12 Fuel Tank Assembly (GM dual fuel engine) 86
4.13 Fuel Tank Assembly (Deutz engine) 88
4.14 Battery and Lockout Switch Assembly 92
4.15 Emergency Power Unit 93

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Table of Contents

4.16 Base Control Console Assembly (Deutz engine) 94
4.17 Base Control Console Assembly (GM engine) 98
4.18 Base Terminal Strip 102

5.0 ELECTRICAL HARNESS RELATED PARTS

5.1 Main Electrical Harness 104
5.2 Cable Harnesses 106
5.3 Control Cable Harnesses 108
5.4 Valve Harnesses and Limit Switches 109
5.5 110/220V Outlet Harness 110
5.6 ECU Harnesses 111
5.7 Glow Plug and EGR Harness (Deutz Diesel Engine) 112
5.8 Engine Interface Harness (GM Engine) 113

6.0 BASE RELATED PARTS

6.1 Base Assembly 116
6.2 Counterweight Assembly 119
6.3 Axle Assembly Hardware 120
6.4 Rear Axle Assembly with Gear Box 124
6.5 Differential Assembly - Rear Axle Assembly with Gear Box 126
6.6 Central Housing Assembly - Rear Axle Assembly with Gear Box 128
6.7 Gear Box (Rear Axle) 130
6.8 Hydraulic Drive Motor 133
6.9 Front Axle Assembly 134
6.10 Differential Assembly - Front Axle 136
6.11 Central Housing Assembly - Front Axle 138
6.12 Steering Assembly 139
6.13 Trunnion Assembly - Front Axle 140
6.14 Axle Drive Shaft (4WD) 141
6.15 Brakes Assembly - Front & Rear Axle 142
6.16 Propane Tank Assembly 146
6.17 Tires 148

7.0 ENGINE RELATED PARTS

7.1 Engine Assembly (Deutz Diesel Engine) 150
7.2 Engine Coupling Assembly 155
7.3 Engine Assembly (GM Dual Fuel Engine) 156
7.4 Engine Tray Assembly 160
7.5 Drive Pump Assembly 162
7.6 System Pump Assembly 164

8.0 HOSE CONNECTION RELATED PARTS

8.1 Standard Hose Numbering System 166
8.2 Hydraulic Hose Connection - Cylinders 168
8.3 Hydraulic Hose Connection - Control Compartment 170
8.4 Hydraulic Hose Connection - Engine Compartment 172
8.5 Fuel Line Hose Connection - Deutz Diesel Engine 174
8.6 Hydraulic Hose Connection - Base and Axles 176
8.7 Turret Grease Hose Connections 180

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Table of Contents

9.0 OPTIONAL EQUIPMENT

9.1 Flashing Light Option 182
9.2 Air Hose To Platform Option 183
9.3 3500W Generator and Oil Cooler Hardware 184
9.4 Hydraulic Hose Connection - 3500W Generator and Oil Cooler 186
9.5 3500W Generator Manifold Assembly 188
9.6 110V Generator Cable Assembly (ANSI/CSA) 189
9.7 Generator and Oil Cooler Harnesses 190
9.8 Generator Wire Assemblies 192
9.9 12 kW Generator and Oil Cooler Hardware 194
9.10 Hydraulic Hose Connection - 12kW Generator and Oil Cooler 196
9.11 12 kW Generator Manifold Assembly 199
9.12 Circuit Breaker Assembly - 12kW generator 200
9.13 Generator Wire Assemblies - 12kW generator 202
9.14 Welder and Mounting Assembly 204
9.15 Glazier Package Option 206
9.16 Cold Start Engine Option 208
9.17 Arctic Package Option 209
9.18 Arctic Rotary Actuator Assembly 210
9.19 Diesel Scrubber Option 211
9.20 Work Light Assembly 212
9.21 External Platform Railing Assembly 213

10.0 LABELS AND NAMEPLATES

10.1 Labels And Nameplates 215
10.2 Labels - Platform Control Console 216
10.3 Labels - Front and Bottom 217
10.4 Labels - Engine Side 218
10.5 Labels - Controls Side 220
10.6 Labels - Controls Compartment 222
10.7 Labels - Engine Compartment 223
10.8 Labels - Operator Platform 224
10.9 Labels - Engine Fuel 226

11.0 TABLES

11.1 Boom Fluids Table 227
11.2 Boom Grease Locations - Axle Grease Table 228
11.3 Boom Grease Locations - Gear Grease Table 229

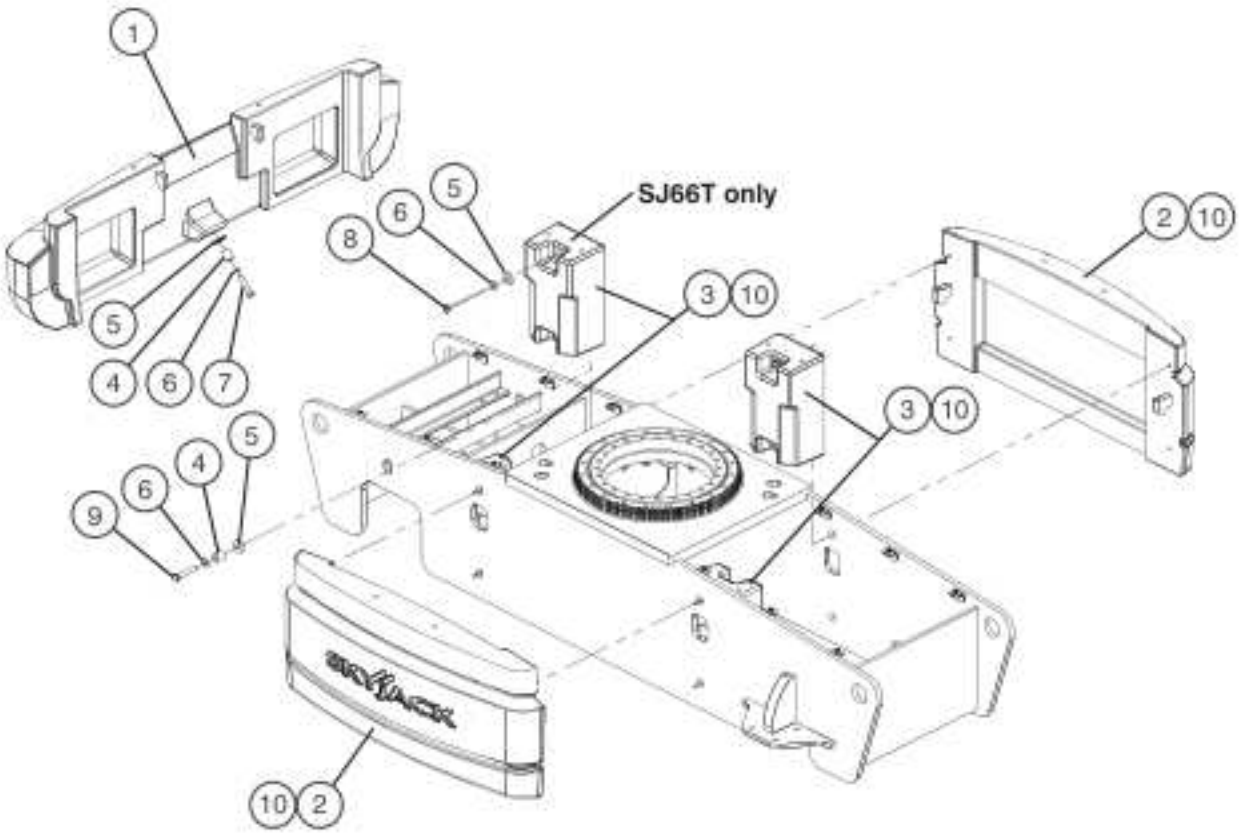
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4.16 Base Control Console Assembly (Deutz engine)

Index No.	Skyjack Part No.	Qty.	Description
A	138743	-	BASE CONTROL CONSOLE ASSEMBLY (ANSI/CSA SJ66T - Deutz engine)
B	138741	-	BASE CONTROL CONSOLE ASSEMBLY (ANSI/CSA SJ61T - Deutz engine)
C	144378	-	BASE CONTROL CONSOLE ASSEMBLY (CE - Deutz engine)
D	144784	-	BASE CONTROL CONSOLE ASSEMBLY (AS - Deutz engine)
1	138710	1	• CONTROL BOX A, B, D
	144726	1	• CONTROL BOX C
	138715	1	• • LATCH, Slotted door
2	138713	1	• • PANEL, Control box
3	138724	4	• • STANDOFF, Nylon (0.26 ID x 1/2" long)
4	127131	14	• RELAY, (12V 40 AMP)
5	138749	15	• SOCKET, Automotive relay
6	112327	6	• SCREW, Hex head self-tapping (#8-18 x 1/2")
7	103991	6	• WASHER, Flat (#8)
8	(Ref.)	-	• TERMINAL STRIP, Base (For components, refer to Section 4.18)
9	117325	3	• CIRCUIT BREAKER (15 AMP)
10	102853	7	• SWITCH, Toggle A, C, D
		6	• SWITCH, Toggle B
11	103336	1	• HOUR METER
12	138278	2	• SWITCH, Toggle
13	138277	1	• KEYSWITCH (3-position), A, B, D
	138137	1	• • KEY (#455)
	138136	1	• • NUT, Key switch
	144366	1	• KEYSWITCH (3-position) C
14	138767	1	• WASHER, Internal tooth (7/8", zinc)
15	138228	1	• MODULE, Lower indicating
	139203	6	• • BULB, 12V
16	144652	1	• SWITCH, Emergency stop red
17	(Ref.)	-	• SWITCH, Base assembly (NC/LED red)
	147056	1	• • LATCH, Mounting
	147053	1	• • BLOCK, NC Contact
	147229	1	• • SWITCH, LED block
18	138751	3	• HOUSING, Open bottom 24 pin levered
19	103957	14	• SCREW, Round head machine (#8-32 x 1/2") A, B, D
		12	• SCREW, Round head machine (#8-32 x 1/2") C
20	138765	16	• NUT, Hex lock (#8-32, Grade 5, nylon) A, B, D
		14	• NUT, Hex lock (#8-32, Grade 5, nylon) C
21	103056	1	• BEEPER (7.5 - 16 VDC), A, B, D
2	126499	2	• SCREW, Round head machine (#8-32 x 7/8")
23	103041	3	• CONNECTOR, Strain relief
24	139128	2	• PLUG (0.88")
25	116266	1	• CONNECTOR, Heyco liquid tight
26	138725	1	• ENGINE CONTROL UNIT, Deutz
27	103860	3	• BOLT, Hex head (1/4"-20 x 1 3/4" Grade 5)
28	128571	4	• SLEEVE, Anti-vibration mount battery

Parts list continued on the following page.

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Index No.	Skyjack Part No.	Qty.	Description
A	(Ref.)	-	COUNTERWEIGHT ASSEMBLY (SJ61T)
B	(Ref.)	-	COUNTERWEIGHT ASSEMBLY (SJ66T)
1	147512	1	• COUNTERWEIGHT, Front, A
	147403	1	• COUNTERWEIGHT, Front, B
2	147423	2	• COUNTERWEIGHT, Outer side
3	146982	4	• COUNTERWEIGHT, Inner side, B
4	146746	9	• SPACER, A
	146746	1	• SPACER, B
5	146983	9	• WASHER, Counterweight
6	702194	9	• WASHER, Flat (3/4", hardened)
7	146887	1	• BOLT, Hex head (3/4"-10 x 4" Grade 8, zinc)
8	156724	8	• BOLT, Hex head (3/4"-10 x 8" Grade 8)
9	138276	8	• BOLT, Hex head (3/4"-10 x 4 1/2" Grade 8)
10	144105	4	• PLUG, Threaded hole (3/4"), A
		12	• PLUG, Threaded hole (3/4"), B

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Index No.	Skyjack Part No.	Qty.	Description
1	144110	1	GENERATOR, Hydraulic (60Hz, 3500 W) (ANSI/CSA)
	168054	1	• MOTOR, Generator
	144526	1	GENERATOR, Hydraulic (50Hz, 3500 W) (CE)
	(Ref.)	-	GENERATOR, Hydraulic (12 kW) (For components, refer to Section 9.9)
2	147425	1	SUPPORT, Hydraulic generator
3	101632	7	BOLT, Hex head (3/8"-16 x 3/4" Grade 5)
4	144259	3	BOLT, Hex head (M10 x 1.25mm x 35mm, Grade 9.8)
5	103472	21	WASHER, Flat (3/8")
6	103999	7	WASHER, Lock (3/8")
7	139092	1	COOLER, Hydraulic oil
	209374	1	• FAN, Oil cooler
8	148408	1	SUPPORT, Oil cooler
9	103473	4	BOLT, Hex head (3/8"-16 x 1" Grade 5)
10	(Ref.)	-	3500W GENERATOR MANIFOLD ASSEMBLY (For components, refer to Section 9.5)
11	138394	1	VALVE, Shuttle (#4 ORB)
12	125883	2	FITTING, 90° (04 JICM - 04 ORBM)
13	126128	1	FITTING, Straight (04 JICM - 04 ORBM)
14	148445	1	FITTING, Straight (04 ORBM - 04 JICF, swivel)
15	707277	1	FITTING, Branch tee (12 JICM - 12 JICM - 12 ORBM)
16	703412	2	FITTING, Straight (12 JICF - 08 JICM)
17	114583	1	FITTING, Elbow, 90° (08 JICM - 08 ORBM)
18	105445	2	FITTING, Elbow, 90° (12 JICM - 12 ORBM)
19	131705	1	FITTING, Straight (08 ORBM - 04 JICM)
20	703413	1	FITTING, Tee (12 JICM - 12 JICM - 12 JICF, swivel)
21	102659	1	FITTING, Straight (08 JICM - 08 ORBM)
22	131716	1	FITTING, Elbow, 45° (04 JICM - 04 ORBM)
23	149215	1	FITTING, Elbow, 45° (10 JICM - 10 ORBM)
24	139153	1	FITTING, Straight (12 JICM - 10 JICM)
25	144116	1	FITTING, Run tee (12 JICM - 12 ORBM - 12 JICM)
26	702118	1	FITTING, Straight (12 JICM - 08 ORBM) (Oil cooler only)

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Label Kits

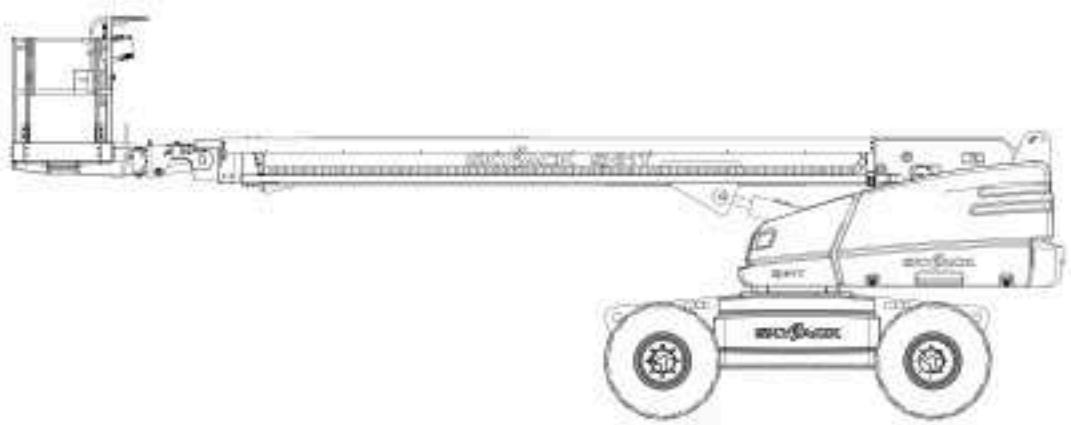
The following label kit is for models SJ61T and 66T. It contains labels that are common to both machines.

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
SJ61T	97,000,419 & Above	97,000,419 & Above
SJ66T	97,000,419 & Above	Not Used



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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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