

PARTS MANUAL

TELESCOPIC BOOMS

MODELS SJ61T SJ66T

166872AK July 2024

SKYJACK

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Index No.	Skyjack Part No.	Qty.	Description
A	164984	-	PLATFORM CONTROL CONSOLE (ANSI/CSA, SJ 61T - Deutz)
B	164985	-	PLATFORM CONTROL CONSOLE (ANSI/CSA, SJ 66T - Deutz)
C	164986	-	PLATFORM CONTROL CONSOLE (ANSI/CSA, SJ 61T - GM)
D	164987	-	PLATFORM CONTROL CONSOLE (ANSI/CSA, SJ 66T - GM)
E	164988	-	PLATFORM CONTROL CONSOLE (CE & AS, SJ 66T - Deutz)
-	138339	-	• PLATFORM CONTROL CONSOLE
1	138337	1	• • BODY, Platform control console
2	138335	1	• • LID, Platform control console
3	138338	1	• • HINGE, Continuous
4	103962	4	• • SCREW, Round head machine (#10-32 x 1/2")
5	300450	4	• • NUT, Hex lock (#10-32 Grade 5, nylon)
6	138334	1	• • WEATHER STRIP
7	138715	2	• • LATCH, Slotted door
8	(Ref.)	-	• CONTROLLER, Drive / Steer (Single Axis)
			(For components, refer to Section 1.13 Drive / Steer Controller Assembly (Single Axis))
9	(Ref.)	-	• CONTROLLER, Boom / Turret Controller (Dual Axis)
			(For components, refer to Section 1.12 Boom / Turret Controller Assembly (Dual Axis))
10	138278	1	• SWITCH, Toggle
11	115747	1	• SWITCH, Toggle
12	115574	1	• SWITCH, Toggle A, B, E
		2	• SWITCH, Toggle C, D
13	144016	6	• SEAL, Panel bushing A
		7	• SEAL, Panel bushing B, C, E
		8	• SEAL, Panel bushing D
14	138226	1	• CONTROLLER, Function Speed (Unidirectional)
15	144648	1	• PUSHBUTTON, Horn A, B, C, D
	147056	1	• • LATCH, Mounting
	147054	1	• • BLOCK, NO Contact
	147058	1	• • SWITCH HEAD, Horn pushbutton
16	144647	1	• SWITCH, Emergency stop
	147056	1	• • LATCH, Mounting
	147053	2	• • BLOCK, NC Contact
	147229	1	• • SWITCH, LED Block (Red)
	147051	1	• • SWITCH HEAD, Emergency stop
17	138229	1	• MODULE, Upper indicating
	139203	6	• • BULB, 12V
18	102853	3	• SWITCH, Toggle A, C
		3	• SWITCH, Toggle B, D, E
19	164994	1	• CONTROLLER MODULE, SCM
20	(Ref.)	-	• TERMINAL STRIP, Platform
			(For components, refer to Section 1.14 Platform Terminal Strip)
21	138749	5	• SOCKET, Automotive relay
22	127131	4	• RELAY, 12V (40 AMP) A, B, C, D
		5	• RELAY, 12V (40 AMP) E
23	138751	2	• HOUSING, Open bottom 24 pin levered

Parts list continued on the following page.

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Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
29	139128	2	• PLUG (0.88")
30	116266	1	• CONNECTOR, Heyco liquid tight
31	163241	4	• SPACER, ECU/OEM
32	115649	4	• NUT, Hex lock (1/4"-20 Grade 5, nylon)
33	146652	1	• HORN (12V)
34	166163	1	• SWITCH, Tilt (analog 28°)
35	103861	4	• BOLT, Hex head (1/4"-20 x 2" Grade 5)
36	138755	1	• PLUG, 24 Pin spring (16A)
37	138756	2	• SOCKET, 24 Pin spring (16A)
38	103856	3	BOLT, Hex head (1/4"-20 x 3/4" Grade 5)
39	103855	1	BOLT, Hex head (1/4"-20 x 1/2" Grade 5)
40	115649	3	NUT, Hex lock (1/4"-20 Grade 5, nylon)
41	103995	4	WASHER, Flat (1/4")
42	104000	1	WASHER, Lock (1/4")
43	151155	1	SCREW, Round head machine (#10-24 x 1")
44	103987	1	NUT, Hex head (#10-24)
45	126642	1	NUT, Hex lock (#10-24 Grade 5, nylon)
46	(Ref.)	-	ECU HARNESSES *(For components, refer to Section 5.6 ECU Harnesses)*
47	(Ref.)	-	CONTROL CABLE HARNESS (Male End) *((For components, refer to Section 5.3 Control Cable Harnesses)*
48	(Ref.)	-	CONTROL CABLE HARNESS (Female End) *(For components, refer to Section 5.3 Control Cable Harnesses)*
49	(Ref.)	-	MAIN ELECTRICAL HARNESS *(For components, refer to Section 5.1 Main Electrical Harness)*
50	(Ref.)	-	GLOW PLUG HARNESS *(For components, refer to Section 5.8 Glow Plug Harness (Deutz D2011L04i Engine))*

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Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
-	165903	1	• AIR INTAKE ASSEMBLY
17	164543	1	• • AIR DAM, Deutz
18	163243	1	• • AIR CLEANER
	165949	1	• • • ELEMENT, Primary
	165950	1	• • • ELEMENT, Secondary
	194405	1	• • • CAP, Air cleaner
19	163245	1	• • BRACKET, Air cleaner
20	163248	1	• • CONNECTOR, 90°
21	163249	1	• • CONNECTOR, 90°
22	163250	1	• • INDICATOR, Service
23	168345	1	• • TUBE, Air intake
24	106049	2	• • BOLT, Carriage (5/16"-18 x 1 1/4" Grade 5)
25	103984	2	• • NUT, Hex lock (5/16"-18 Grade 5, Nylon)
26	121869	4	• • GEAR CLAMP, SAE No. 40, 2 1/16" - 3")
27	103892	6	• • BOLT, Hex head (1/4"-20 x 5/8" Grade 5)
28	104000	6	• • WASHER, Lock (1/4")
29	149357	120"	• • SEAL, Bulb
-	165905	1	• EXHAUST ASSEMBLY
30	164525	1	• • ADAPTER, Exhaust
31	164553	1	• • TAILPIPE, Deutz
32	148377	1	• • CLAMP, Exhaust (2")
33	194346	1	• • BRACKET, Exhaust
34	133174	3	• • BOLT, Hex head (M8-1.25 x 20 gr 8.8)
35	133232	3	• • WASHER, Flat (M8)
36	165602	1	• CABLE, Alternator
37	(Ref.)	1	• RADIATOR
			(For components, refer to Section 7.2 Radiator Assembly - Deutz TD2.9L)

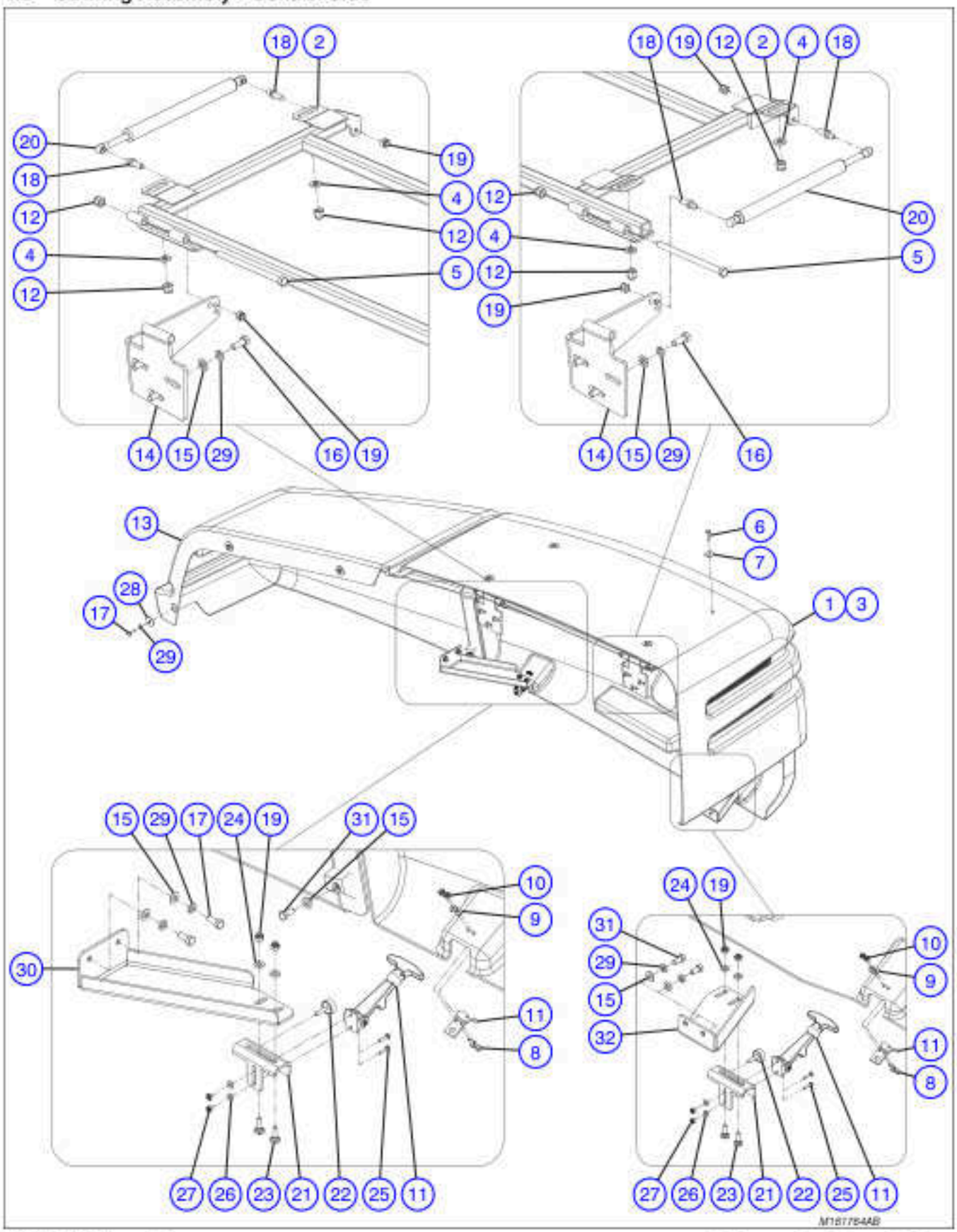
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Fitting Arrangement Schedule (Continued from the previous page)

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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4.2 Cowling Assembly - Control Side



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