

PARTS MANUAL

TELESCOPIC BOOMS

MODELS SJ40T SJ45T

160620AL June 2024

SKYJACK

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Index No.	Skyjack Part No.	Qty.	Description
			Parts list continued from the previous page.
29	137791	1	• BASE ASSEMBLY SWITCH, (2NC/LED RED)
	137781	1	• • LATCH, Mounting
	137783	2	• • BLOCK, NC Contact
	137785	1	• • SWITCH, LED Block (Red)
30	137795	1	• SWITCH HEAD, Emergency stop
31	137786	1	• BASE ASSEMBLY SWITCH, (NO)
	137781	1	• • LATCH, Mounting
	137782	1	• • CONTACT BLOCK, NO Spring
	137784	1	• • BLOCK, Switch light
32	137792	1	• SWITCH HEAD, Horn pushbutton
33	139127	4	• PLUG, (1/2) B
		3	• PLUG, (1/2) A, C, E
		2	• PLUG, (1/2) D
34	(Ref.)	-	• CONTROLLER, Boom / Turret (Dual Axis) *(For components, refer to Section 1.7 Boom / Turret Controller Assembly (Dual Axis))*
35	138229	1	• MODULE, Upper indicating
	139203	6	• • BULB, 12V
36	138226	1	• CONTROLLER, Function Speed (Unidirectional)
	198762	1	• • KNOB, Rotary controller
37	102853	4	• SWITCH, Toggle A, C, D
		3	• SWITCH, Toggle B, E
38	(Ref.)	-	• CONTROLLER, Drive / Steer (Single Axis) (For components, refer to Section 1.9)
39	115747	1	• SWITCH, Toggle
40	115574	2	• SWITCH, Toggle D, E
		1	• SWITCH, Toggle A, B, C
41	138278	1	• SWITCH, Toggle
42	144016	8	• PANEL BUSHING SEAL, D
		7	• PANEL BUSHING SEAL, A, C, E
		6	• PANEL BUSHING SEAL, B
43	144387	1	• ALARM, Overload C
44	137786	1	• BASE ASSEMBLY SWITCH, (NO) C
	137781	1	• • LATCH, Mounting
	137782	1	• • BLOCK, NO Spring Contact
45	137794	1	• SWITCH HEAD, Selector (2 way) C
46	(Ref.)	-	FOOTSWITCH ASSEMBLY *(For components, refer to Section 1.4 Platform Assembly (ANSI/CSA))*
47	(Ref.)	-	VALVE AND LIMIT SWITCH HARNESSES *(For components, refer to Section 5.4 Valve Harnesses and Limit Switch Assemblies)*
48	(Ref.)	-	CONTROL CABLE HARNESS *(For components, refer to Section 5.3 Control Cable Harnesses)*
49	(Ref.)	-	110V / 220V OUTLET BOX *(For components, refer to Section 5.5 110/220V Outlet Harness)*

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2.8 Work and Travel Limit Switch Mounting Assembly (Universal)

Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	WELDMENT, Main boom (Universal) *(For components, refer to Section 2.4 Main Boom Platform End Hardware)*
2	101632	2	BOLT, Hex head (3/8"-16 x 1" Grade 5)
3	103999	4	WASHER, Lock (3/8")
4	103472	2	WASHER, Flat (3/8")
5	(Ref.)	1	LIMIT SWITCH *(For components, refer to Section 5.4 Valve Harnesses and Limit Switch Assemblies)*
6	112248	2	SCREW, Round head machine (#8-32 x 1")
7	138765	2	NUT, Hex lock (#8-32 Grade 5, nylon)
8	144608	1	PLATE, Cover
9	(Ref.)	1	LIMIT SWITCH *(For components, refer to Section 5.4 Valve Harnesses and Limit Switch Assemblies)*
10	144398	1	PLATE, Mounting cover
11	144397	1	PLATE, Mounting bracket
12	126499	2	SCREW, Round head machine (#8-32 x 7/8")
13	112249	2	WASHER, Lock (#8)
14	103991	2	WASHER, Flat (#8)
15	103986	2	NUT, Hex head (#8-32)
16	103596	2	BOLT, Hex head (3/8"-16 x 2" Grade 5)
17	125959	2	WASHER, Flat (3/8")
18	104606	2	NUT, Hex lock (3/8"-16 Grade 5, nylon)

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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	GENERATOR AND OIL COOLER ASSEMBLY (3500 W) *(For components, refer to Section 9.3 Generator and Oil Cooler Assembly)*
2	139136	1	GENERATOR, Hydraulic (12 kW)
	167879	1	• MOTOR, 12 kW hydraulic generator
3	(Ref.)	1	HOSE *(For components, refer to Section 9.12 Hydraulic Hose Connection - 12kW Generator)*
4	144168	1	FITTING, 45° (12BEAD - 12ORBM)
5	702118	1	FITTING, Straight connector (12 SAE - 12 JIC)
6	144175	1	FITTING, Straight (12 ORBM - 08 ORBF)
7	144062	1	FITTING, 45° (08BEAD - 08ORBM)
8	144170	1	FITTING, 90° (08BEAD - 08ORBM)
9	139099	2	FITTING, 90° (12-12 o-ring, x-long)
10	138989	1	VALVE, Generator control
11	103848	3	BOLT, Hex head (M10 x 1.25 x 30mm, Grade 9.8)
12	144260	3	NUT, Hex nylon lock (M10 x 1.25, Grade 8 ZP)
13	139007	3	BOLT, Hex head (1/2"-13 x 2" Grade 8)
14	104379	3	WASHER, Flat hardened (1/2")
15	144097	1	CLAMP, Mikalor
16	144094	2	CLAMP, Mikalor
17	103472	11	WASHER, Flat (3/8")
18	103872	2	BOLT, Hex head (3/8"-16 x 2 1/4" Grade 5)
19	(Ref.)	-	CIRCUIT BREAKER ASSEMBLY (12 kW generator) *(For components, refer to Section 9.10 Circuit Breaker Assembly - 12kW generator)*
20	(Ref.)	-	WELDER AND MOUNTING ASSEMBLY *(For components, refer to Section 9.17 Welder and Mounting Assembly)*

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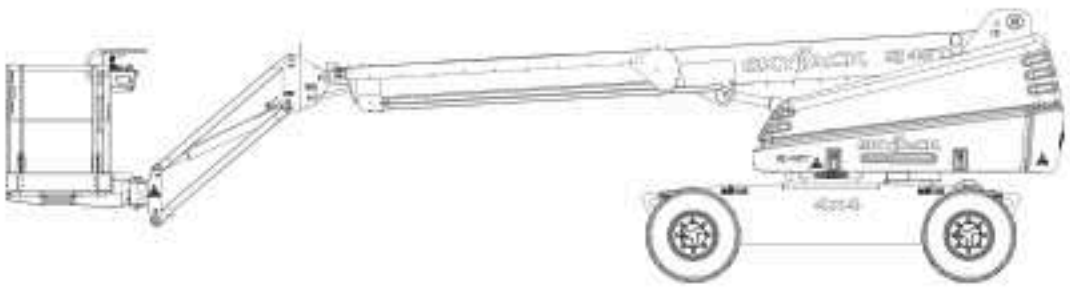
The following label kit is for models SJ40T and 45T. It contains labels that are common to both machines.

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	AS
	Part # 160623	Part # 160624	Part # 160625
SJ40T	98,000,796 & Above	Not Used	Not Used
SJ45T	98,000,796 & Above	98,000,796 & Above	98,000,796 & Above



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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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