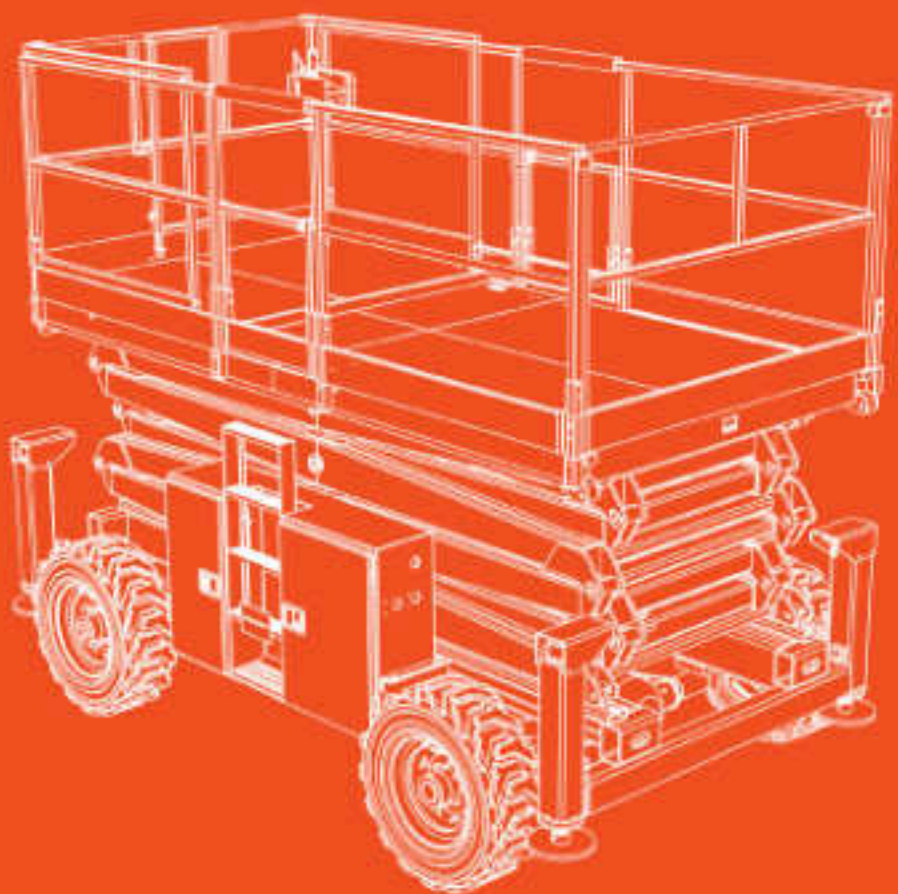
SKYJACK

PARTS MANUAL

SJ8831 RT, SJ8841 RT

ROUGH TERRAIN SCISSORS



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Index No.	Skyjack Part No.	Qty.	Description
1	110363DG	1	WELDMENT, Inner scissor (1st level)
2	(Ref.)	1	BAR, Centering mounting assembly
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
3	(Ref.)	2	END PIN ASSEMBLY
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
4	110377DG	1	WELDMENT, Inner scissor (2nd level)
5	(Ref.)	2	PIN, Lift cylinder pivot assembly
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
6	103887	AR	BOLT, Hex head (5/16–18 x 3/4")
7	103404	AR	WASHER, Lock (5/16")
8	110389DG	1	WELDMENT, Inner scissor (4th level)
9	(Ref.)	2	TOP SLIDER ASSEMBLY
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
10	110361DG	1	WELDMENT, Outer scissor (4th level)
11	110381DG	1	WELDMENT, Outer scissor (3rd level)
12	124754	1	CLAMP ASSEMBLY (Ontario Hydro)
	103078	4	• CLAMP, Double (G10)
	124445	10	• CLAMP, Double
	103962	10	• SCREW, Machine (#10–32 x 1/2")
	104694	10	• WASHER, Flat (#10 SAE)
	104185	10	• WASHER, Lock (#10 NOM)
	104003	10	• NUT, Machine (#10–32, Gr. 5)
	124763	1	• LABEL, Ontario Hydro
13	111954	1	SAFETY BAR LATCH ASSEMBLY
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch
	103855	1	• BOLT, Hex head (1/4"–20 x 1/2")
	104000	1	• WASHER, Lock (1/4")
14	110359DG	1	WELDMENT, Outer scissor (3rd level)
15	110347DG	1	WELDMENT, Outer scissor (2nd level)
16	(Ref.)	2	BOTTOM SLIDER ASSEMBLY
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
17	111172	1	HOLDING VALVE CORD ASSEMBLY
	103256	1	• CABLE (18/2 x 306")
	127315	1	• CONNECTOR, Left Cylinder Solenoid (with diode)
	170593	1	• CONNECTOR, Right Cylinder Solenoid (with diode)
18	(Ref.)	1	LIFT CYLINDER ASSEMBLY
			(For components, refer to Section 2.7 Lift Cylinder)
19	(Ref.)	1	LIMIT SWITCH PIN ASSEMBLY
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
20	111135	12	BUMPER, Scissor arm (2.5" x 1.0625") (Arm)
	105395	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)

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Index No.	Skyjack Part No.	Qty.	Description
2	(Ref.)	1	• • • RADIATOR KIT – KUBOTA
			(For components, refer to Section 3.4 Fuel/Hydraulic Tank Cabinet)
3	167915	1	• AIR INTAKE ASSEMBLY
			(For components, refer to Section 5.22 Kubota Fuel Hoses - DF972)
	166541	–	• ENGINE MOUNT ASSEMBLY (Kubota **DF972 EFI**)
4	136032	2	• • BRACKET, Engine mount – FL/RR
5	136033	2	• • BRACKET, Engine mount – FL/RL
6	147634	4	• • VIBRATION MOUNT
7	103848	4	• • BOLT, Hex head (M10 x 1.25 x 20 mm, Gr. 8.8)
8	136665	7	• • BOLT, Hex head (M10 x 1.25 x 35 mm, Gr. 8.8)
9	103850	1	• • BOLT, Hex head (M10 x 1.25 x 30 mm, Gr. 8.8)
10	130884	12	• • WASHER, Lock (M10 – plated DIN 127B)
11	108818	4	• • BOLT, Hex head (1/2"–13 x 2.75")
12	212939	4	• • WASHER, 0.536 ID x 2.004 OD x 0.172 ZN - HARD
13	130470	4	• • WASHER, Lock (1/2", Gr. 5)
	167917	–	• RAD BAFFLE INSTALLATION (Kubota **DF972 EFI**)
14	167918	1	• • PLATE, Radiator (**DF972 EFI**)
15	147142	1	• • RESERVOIR, Coolant
16	110007	35	• • CHANNEL, Black edge
17	102984	74	• • LINE, Fuel (5/16 #47PB–B194)
18	600190	4	• • WASHER, Flat (M6 DIN 125)
19	121758	4	• • WASHER, Lock (M6–plated DIN 127B)
20	104608	4	• • BOLT, Hex head (M6 x 1 x 16 mm, Grade 9.8)
21	103887	2	• • BOLT, Hex head (5/16"–18 x 3/4")
22	103996	2	• • WASHER, Lock (5/16")
23	103404	2	• • WASHER, Flat (5/16")
24	100397	2	• • NUT, Hex head (5/16"–18, Gr. 5)
25	103321	1	• • CLAMP, Gear
26	166526	1	• EXHAUST ASSEMBLY
			(For components, refer to Section 5.22 Kubota Fuel Hoses - DF972)
27	149834	1	BELL HOUSING ASSEMBLY (Kubota DF972/**DF972 EFI**, Universal)
	149830	1	• BELL HOUSING
	149833	1	• HUB, Coupling
	149832	1	• FLANGE, Nylon (150 mm)
	149831	1	• KIT, HARDWARE
	166672	–	VAPORIZER COOLING LINES (Kubota **DF972 EFI**)
28	300797	56	• HOSE, Horizon 200 (3/8 in 6)
29	102660	21	• HOSE, Fuel line (1/8)
30	102519	4	• CLAMP, Gear (SAE No.6 5/16"–7/8")
31	136122	1	VAPORIZER, LPG
32	166628	1	HARNESS, Fuel pump, Kubota 972 EFI (not shown)
33	168593	1	DIPSTICK/HEAT SHRINK ASSEMBLY (not shown)
34	(Ref.)	1	HYDRAULIC PUMP ASSEMBLY
			(For components, refer to Section 5.8 Hydraulic Pump A)

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Index No.	Skyjack Part No.	Qty.	Description
32	102984	51"	LINE, Fuel (5/16")
33	(Ref.)	–	FUEL LINE ASSEMBLY
			(For components, refer to Section 5.22 Kubota Fuel Hoses - DF972)
34	136974	1	BRACKET, Choke solenoid
35	121758	7	WASHER, Lock (6 mm)
36	133219	4	WASHER, Flat (M6)
37	136185	4	BOLT, Hex Head (M6–1 x 30 mm)
38	116467	1	CABLE, Choke
39	137525	1	SCREW, Pan head (M4 X 6, DIN 85)
40	104608	3	BOLT, Hex head (M6 x 1 x 16 mm)
–	134373	1	ASSEMBLY, Starter stud extension
41	133174	1	• BOLT, Hex head cap screw (M8–1.25 x 20 mm)
42	116218	2	• WASHER, Lock (M8)
43	127940	1	• WASHER, Flat (M8)
44	134372	1	• NUT, Coupling (M8 x 1.25 x 24 mm)
45	–	1	ASSEMBLY, Coolant reservoir
	147142	1	• RESERVOIR, Coolant
	103887	2	• BOLT, Hex head (5/16"–18 x 3/4", Gr. 5)
	103996	2	• WASHER, Flat (5/16")
	100397	2	• NUT, Hex head (5/16"–18, Gr. 5)
	103404	2	• WASHER, Lock (5/16")
46	(Ref.)	–	OIL, Engine
			(For components, refer to Section 8.1 Fluid Tables)
47	(Ref.)	–	SOLUTION, Engine coolant (Antifreeze)
			(For components, refer to Section 8.1 Fluid Tables)

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7.2 Labels - Right and Left Sides

Index No.	Skyjack Part No.	Qty.	Description
1	158554	2	LABEL, Skyjack
2	124465	2	LABEL, Side force
3	158912	2	LABEL, Daily maintenance
4	119803	AR	TAPE, Caution 1" wide
5	124362	2	LABEL, Do not wear jewelry
6	132775	2	LABEL, Platform capacity 2500 (500/700/500) 5P *(Model SJ8831 RT ANSI/CSA with #6 air or foam tires, or #7 foam tires)*
	132832	2	LABEL, Platform capacity 2000 (500/400/500) 5P *(Model SJ8831 RT ANSI/CSA with #7 air tires)*
	132833	2	LABEL, Platform capacity 1700 (500/500/500) 5P *(Model SJ8841 RT ANSI/CSA with #6 air or foam tires, or #7 foam tires)*
	133347	2	LABEL, Platform capacity 1250 (500/200/500) 5P *(Model SJ8841 RT ANSI/CSA with #7 air tires)*
	147936	2	LABEL, Platform capacity 1500 (500/500/500) 5P *(Model SJ8841 RT KC) (Platform capacity labels are not included in label kit)*
7	114252	2	LABEL, California proposition 65 *(ANSI/CSA)*
8	159550	2	LABEL, SJ8831 RT
	159622	2	LABEL, SJ8841 RT
9	139855	8	LABEL, Keep clear
10	173024	4	LABEL, Danger! Hand/foot pinch
11	156441	1	LABEL, Annual inspection
12	126928	4	LABEL, Tire pressure 75 psi *(ANSI/CSA with #6 air tires)*
	127298	4	LABEL, Tire pressure 45 psi *(ANSI/CSA with #7 air tires)*
	142384	4	LABEL, Foam fill *(foam tires) (Tire pressure/foam fill labels are not included in label kit)*
13	124631	4	LABEL, Wheel offset/pressure
14	132738	4	LABEL, Wheel load *(Model SJ8831 RT ANSI/CSA with #7 air tires)*
	133035	4	LABEL, Wheel load *(Model SJ8841 RT ANSI/CSA with #6 air or foam tires, or #7 foam tires)*
	134409	4	LABEL, Wheel load *(Model SJ8831 RT ANSI/CSA with #6 air or foam tires or 8831 ANSI/CSA with #7 foam tires or 8841 ANSI/CSA with #7 air tires)*
	155865	4	LABEL, Wheel load *(Model SJ8841 RT KC) (Wheel load labels are not included in label kit)*
15	147042	1	LABEL, Do not use above freezing *(cold start option) (not included in kit)*
16	147041	1	LABEL, Do not leave plugged in *(cold start option) (not included in kit)*
17	128226	2	LABEL, Noise 103 dB *(KC)*
18	158908	1	LABEL, Maintenance bar procedure
19	165778	2	LABEL, Skyjack SJ8831 RT *(not included in kit)*
	164605	2	LABEL, Skyjack SJ8841 RT *(not included in kit)*
20	120390	1	LABEL, Propane *(dual fuel)*
21	166951	2	LABEL, Skyjack *(25")*
22	123628	1	LABEL, Manual box
23	156613	1	LABEL, Do not alter

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Index No.	Skyjack Part No.	Qty.	Description
1	110363DG	1	WELDMENT, Inner scissor (1st level)
2	(Ref.)	1	BAR, Centering mounting assembly
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
3	(Ref.)	2	END PIN ASSEMBLY
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
4	110377DG	1	WELDMENT, Inner scissor (2nd level)
5	(Ref.)	2	PIN, Lift cylinder pivot assembly
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
6	(Ref.)	2	ASSEMBLY, Top slider
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
7	111954	1	SAFETY BAR LATCH ASSEMBLY
	102780	1	• LATCH, Safety bar
	111534	1	• KNOB, Latch ***(Model 8831)***
	103855	1	• BOLT, Hex head (1/4"–20)
	104000	1	• WASHER, Lock (1/4")
8	110395DG	1	WELDMENT, Inner scissor (3rd level)
9	124753	1	CLAMP ASSEMBLY (Ontario Hydro)
	103078	4	• CLAMP, Double (G10)
	124445	8	• CLAMP, Double
	103962	8	• SCREW, Machine (#10–32 x 1/2")
	104694	8	• WASHER, Flat (#10 S.A.E)
	104185	8	• WASHER, Lock (#10 NOM)
	104003	8	• NUT, Machine (#10–32, Gr. 5)
	124763	1	• LABEL, Ontario Hydro
10	110361DG	1	WELDMENT, Outer scissor (3rd level)
11	110347DG	1	WELDMENT, Outer scissor (2nd level)
12	(Ref.)	1	LIFT CYLINDER ASSEMBLY
			(For components, refer to Section 2.7 Lift Cylinder)
13	111172	1	CORD, Holding Valve Assembly (Not shown)
	127315	1	• CONNECTOR, Left Cylinder Solenoid (with diode)
	170593	1	• CONNECTOR, Right Cylinder Solenoid (with diode)
14	(Ref.)	1	LIMIT SWITCH PIN ASSEMBLY
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
15	110328DG	1	WELDMENT, Outer scissor (1st level)
16	103937	AR	BOLT, Socket (3/8"–16 x 3/4", Gr. 5)
17	111135	4	BUMPER, Scissor arm (2.5" x 1.0625") (Arm)
	105396	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)
18	(Ref.)	2	ASSEMBLY, Bottom slider
			(For components, refer to Section 2.3 Scissor Arm Mounting Hardware)
19	(Ref.)	6	ASSEMBLY, Center pin
			(For components, refer to Section 2.4 Scissor Arm Connecting Hardware)
20	131952	AR	SPACER, Bumper
21	103938	AR	BOLT, Socket (3/8–16 x 1.5", Gr. 5)
22	112440DG	1	WELDMENT, Centering bar pivot/lowering valve
	103865	1	• BOLT, Adjusting (5/16"–18 x 2")
	103984	1	• NUT, Lock (5/16"–18)
23	(Ref.)	1	VALVE AND VALVE BLOCK ASSEMBLY
			(For components, refer to Section 2.8 Hydraulic Hose Connections - Lift Cylinders)
24	(Ref.)	1	BEEPER/LIGHT AND HORN ASSEMBLIES
			(For components, refer to Section 2.5 Horn, Light and Beeper)
			(For components, refer to Section 2.6 Additional Beeper - KC)

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