MODELS | SJ 8831 SJ 8841



Parts Manual

Full-Size Rough Terrain Series (ANSI/CSA & KC)

Part No. 157954AG December 20, 2022

SKYJACK

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Index No.	Skyjack Part No.	Qty.	Description
1	110363	1	WELDMENT, Inner scissor (1st level)
2	(Ref.)	-	BAR, Centering mounting assembly (For components, refer to Section 2.3)
3	(Ref.)	-	END PIN ASSEMBLY (For components, refer to Section 2.4)
4	110377	1	WELDMENT, Inner scissor (2nd level)
5	(Ref.)	-	PIN, Lift cylinder pivot assembly (For components, refer to Section 2.4)
6	(Ref.)	-	ASSEMBLY, Top slider (For components, refer to Section 2.3)
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	110395	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, Grade 5)
	124763	1	• LABEL, Ontario Hydro
10	110361	1	WELDMENT, Outer scissor (3rd level)
11	110347	1	WELDMENT, Outer scissor (2nd level)
12	(Ref.)	-	LIFT CYLINDER ASSEMBLY (For components, refer to Section 2.7)
13	111172	1	HOLDING VALVE CORD ASSEMBLY (Not shown)
	127315	2	• CONNECTOR, Solenoid (with diode)
14	(Ref.)	-	LIMIT SWITCH PIN ASSEMBLY (For components, refer to Section 2.4)
15	110328	1	WELDMENT, Outer scissor (1st level)
16	103937	AR	BOLT, Socket (3/8"-16 x 3/4", Grade 5)
17	111135	4	BUMPER, Scissor arm (2.5" x 1.0625") (Arm)
	105395	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)
18	(Ref.)	-	ASSEMBLY, Bottom slider (For components, refer to Section 2.3)
19	(Ref.)	-	ASSEMBLY, Center pin (For components, refer to Section 2.4)
20	131952	AR	SPACER, Bumper
21	103938	AR	BOLT, Socket (3/8-16 x 1.5", Grade 5)
22	112440	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.)	-	VALVE AND VALVE BLOCK ASSEMBLY (For components, refer to Section 2.8)
24	(Ref.)	-	BEEPER/LIGHT AND HORN ASSEMBLIES (For components, refer to Section 2.5 and Section 2.6)

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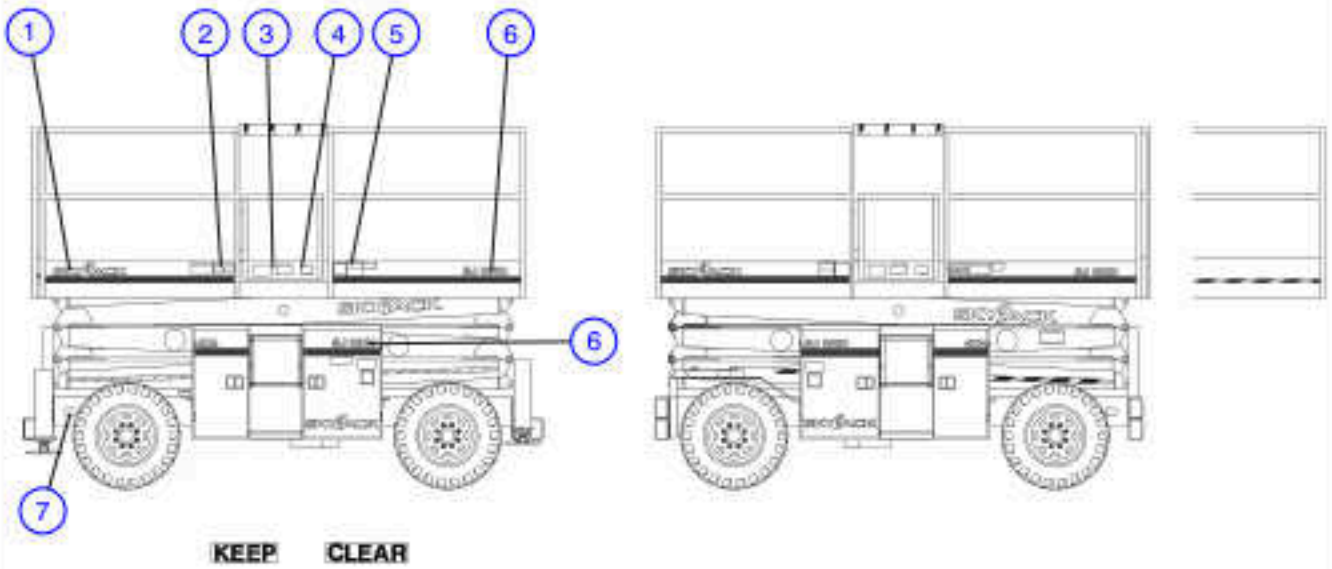
Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	FRONT AXLE ASSEMBLY (For components, refer to Section 4.3)
2	(Ref.)	-	STEER CYLINDER ASSEMBLY (For components, refer to Section 4.8)
3	(Ref.)	-	WHEEL HUB ASSEMBLY (For components, refer to Section 4.6)
4	(Ref.)	-	WHEEL, Tire (For components, refer to Section 3.1)
5	103315	16	NUT, Wheel (5/8"-18 0.656, 90°)
6	(Ref.)	-	DRIVE SHAFT ASSEMBLY (For components, refer to Section 4.9)
7	900542	1	BOOT, Rubber
8	(Ref.)	-	BEARING STRAP ASSEMBLY (For components, refer to Section 4.9)
9	123856	8	NUT, Hex (1/2"-13 Grade 8)
10	126286	8	WASHER, Lock (1/2" Heavy duty)
11	128828	8	BOLT, Hex head (1/2"-13 x 5", Grade 8)
12	(Ref.)	-	TIE ROD (For components, refer to Section 4.3)
13	(Ref.)	-	OIL, Gear (Refer to Table on Section 8.1)
14	(Ref.)	-	PIN ASSEMBLY (For components, refer to Section 4.3)

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Index No.	Skyjack Part No.	Qty.	Description
1	(Ref.)	-	TANK, Propane w/coupling (For components, refer to Section 3.1)
2	(Ref.)	-	WELDMENT, Fuel/hydraulic oil tank cabinet (For components, refer to Section 3.3)
3	103006	1	COUPLING, Quick attach LPG
4	103159	1	FITTING, Elbow 45° (Brass, 06 SAE45M - 04 NPTM)
5	103078	2	CLIP (S344G10)
6	103855	1	BOLT, Hex head (1/4"-20 x 1/2", Grade 5)
7	103995	3	WASHER, Flat (1/4")
8	104000	3	WASHER, Lock (1/4")
9	103473	1	BOLT, Hex head (3/8"-16 x 1", Grade 5)
10	103978	3	NUT, Hex head (3/8", Grade 5)
11	103098	1	HOSE (Tank to filter)
12	103156	AR	FITTING, Straight (Brass, 06 SAE45M - 04 NPTM)
13	111622	1	CAP, Plastic rain
14	300799	1	VALVE, Propane relief
15	132919	1	TEE, Female pipe
16	143478	1	NIPPLE, Long (1/4"-2)
17	133648	1	HOSE, Filter to electronic pressure regulator
18	103983	3	NUT, Hex (1/4"-20)
19	142405	AR	HOSE, Fuel line (5/16)
20	142397	4	CONNECTOR, Fuel quick straight
21	142453	1	FITTING, Fuel pump
22	142451	1	FITTING, Fuel manifold (out)
23	142303	1	MANIFOLD, Fuel
24	118367	1	NUT, (M4)
25	133872	1	NUT, Hex (M5-0.8)
26	157623	1	PUMP, Fuel
27	103472	3	WASHER, Flat (3/8" SAE)
28	103999	3	WASHER, Lock (3/8" NOM)
29	142398	4	CONNECTOR, Fuel quick (90°)
30	142301	1	FILTER, Fuel
31	142257	1	BRACKET, Fuel
32	103321	AR	CLAMP, Gear (#4)
33	142452	1	FITTING, Fuel manifold (in)
34	103473	2	BOLT, Hex head (3/8"-16 x 1", Grade 5)
35	103472	2	WASHER, Flat (3/8")
36	112601	2	NUT, Hex head flange (3/8"-16)
37	143477	1	FITTING, (3/8 SAE 45deg-M, 1/4 NPT-F)
38	142300	1	FILTER, Liquid propane
39	111403	2	TUBE, Hydraulic line (5/16" outer diameter)
40	(Ref.)	2	FITTING, Brass (#68-5B) (For components, refer to Section 3.5)
41	(Ref.)	1	FUEL TANK ASSEMBLY (For components, refer to Section 3.5)

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7.4 Labels - Left and Right Side



Index No.	Skyjack Part No.	Qty.	Description
-	(Ref)	-	(To order a complete label kit, refer to Section 7.1)
1	129773	2	LABEL, "Skyjack" (Medium all blue)
2	132775	3	LABEL, Platform capacities 2500 (500/700/500) **(Model 8831 ANSI/CSA)**
	132833	4	LABEL, Platform capacities 1700 (500/500/500) **(Model 8841 ANSI/CSA)**
	132832	4	LABEL, Platform capacities 2000 (500/400/500) (Equipped with air filled "Terra XTrac") **(Model 8831 ANSI/CSA)**
	133347	4	LABEL, Platform capacities 1250 (500/250/500) (Equipped with air filled "Terra XTrac") **(Model 8841 ANSI/CSA)**
	147936	4	LABEL, Platform capacities 1500 (500/500/500) **(KC)** (All platform capacity labels are not included in kit)
3	124465	2	LABEL, Side force/outdoor
4	124362	2	LABEL, Warning! Do not wear jewelry
5	106691	2	LABEL, Operator's check list
6	129806	4	LABEL, "SJ 8831" (Not included in kit)
	129807	4	LABEL, "SJ 8841" (Not included in kit)
7	126928	4	LABEL, Tire pressure 75 psi (Equipped with air filled Carlisle/OTR tires only)
	127298	4	LABEL, Tire pressure 45 psi (Equipped with air filled Terra XTrac tires only)
	142384	4	LABEL, Tire foam fill only **(KC)**
	133035	4	LABEL, Wheel load (2675 kg/5900 lb) (If equipped)
	134409	4	LABEL, Wheel load (2450 kg) (If equipped)

Parts list continued on the following page.

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Index No.	Skyjack Part No.	Qty.	Description
1	110363	1	WELDMENT, Inner scissor (1st level)
2	(Ref.)	-	BAR, Centering mounting assembly
			(For components, refer to Section 2.3)
3	(Ref.)	-	END PIN ASSEMBLY
			(For components, refer to Section 2.4)
4	110377	1	WELDMENT, Inner scissor (2nd level)
5	(Ref.)	-	PIN, Lift cylinder pivot assembly
			(For components, refer to Section 2.4)
6	103887	AR	BOLT, Hex head (5/16-18 x 3/4")
7	103404	AR	WASHER, Lock (5/16")
8	110389	1	WELDMENT, Inner scissor (4th level)
9	(Ref.)	-	TOP SLIDER ASSEMBLY
			(For components, refer to Section 2.3)
10	110361	1	WELDMENT, Outer scissor (4th level)
11	110381	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 S.A.E)
	104185	10	• WASHER, Lock (#10 NOM)
	104003	10	• NUT, Machine (#10-32, Grade 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	110359	1	WELDMENT, Outer scissor (3rd level)
15	110347	1	WELDMENT, Outer scissor (2nd level)
16	(Ref.)	-	BOTTOM SLIDER ASSEMBLY
			(For components, refer to Section 2.3)
17	111172	1	HOLDING VALVE CORD ASSEMBLY
	103256	1	• CABLE (18/2 x 306")
	127315	2	• CONNECTOR, Solenoid (with diode)
18	(Ref.)	-	LIFT CYLINDER ASSEMBLY
			(For components, refer to Section 2.7)
19	(Ref.)	-	LIMIT SWITCH PIN ASSEMBLY
			(For components, refer to Section 2.4)
20	111135	12	BUMPER, Scissor arm (2.5" x 1.0625") (Arm)
	105395	4	BUMPER, Scissor arm (2.5" x 1.5") (Base)
21	103937	AR	BOLT, Socket (3/8"-16 x 3/4", Grade 5)
22	110328	1	WELDMENT, Outer scissor (1st level)

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