SKYJACK

PARTS MANUAL

SJ6826 RT, SJ6832 RT

ROUGH TERRAIN SCISSORS



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ANSI/CSA, KC

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Index No.	Skyjack Part No.	Qty.	Description
–	170576DG	1	SCISSOR ASSEMBLY - *ANSI/CSA*
–	170583DG	1	SCISSOR ASSEMBLY - *KC*
1	(Ref.)	1	• SCISSOR ASSEMBLY – MOUNTING HARDWARE (For components, refer to Section 2.3 Scissor Mounting Hardware)
2	170459DG	10	• SCISSOR ARMS, Outside
3	(Ref.)	1	• CYLINDER, Lower lift (For components, refer to Section 2.7 Lift Cylinder and Mounting Hardware)
4	(Ref.)	1	• SCISSOR ASSEMBLY – CONNECTING HARDWARE (For components, refer to Section 2.4 Scissor Connecting Hardware)
5	170463DG	1	• SCISSOR LEVEL, Inside (1st Level)
6	130841	4	• BUMPER ASSEMBLY, 1st Level
	130840	1	• • BUMPER, Scissor (1st level)
	123713	1	• • BOLT, Hex head (M12–1.25 x 16 mm, Gr. 9.8)
	933630	1	• • WASHER, Structural - Hard (M12)
7	(Ref.)	1	• LIMIT SWITCH ASSEMBLIES (For components, refer to Section 2.6 Limit Switch)
8	170465DG	1	• SCISSOR LEVEL, Inside (3rd Level)
9	170464DG	2	• SCISSOR LEVEL, Inside (2nd and 4th Level)
10	121907DG	2	• WELDMENT, Cable carrier
11	(Ref.)	1	• CYLINDER, Upper lift (For components, refer to Section 2.7 Lift Cylinder and Mounting Hardware)
12	170598DG	1	• SCISSOR LEVEL, Inside (5th Level)
13	132539DG	1	• MAINTENANCE SUPPORT ASSEMBLY
	123344DG	1	• • MAINTENANCE SUPPORT
	122006	AR	• • BOLT, Hex head (5/16"–18 x 3.25", Gr. 5)
	103984	AR	• • NUT, Hex (5/16"–18)
14	121860	16	• BUMPER, Scissor arm
15	(Ref.)	1	• TUBE, Outside scissor spacer (For components, refer to Section 2.4 Scissor Connecting Hardware)
16	(Ref.)	1	• LIGHT AND BEEPER ASSEMBLY (For components, refer to Section 2.9 Light and Beeper)

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Index No.	Skyjack Part No.	Qty.	Description
1	168417DG	1	WELDMENT, Base
	162011	AR	• PLUG, Hole, locking plastic (5/16")
2	(Ref.)	1	PROPANE TRAY
			(For components, refer to Section 3.3 Propane Tray - ANSI/CSA)
3	(Ref.)	1	HYDRAULIC CABINET ASSEMBLY
			(For components, refer to Section 3.11 Hydraulic Cabinet - S/N 37 009 781 & above)
4	300437	8	BOLT, Hex head (3/8"–16 x 2.25", Gr. 5)
5	103472	12	WASHER Flat (3/8")
6	103999	14	WASHER, Lock (3/8")
7	137123DG	2	PLATE, Base front cover
8	103906	4	BOLT, Hex head (1/2"–13 x 1.75", Gr. 5)
9	104379	12	WASHER, Flat (1/2") - Hard
10	103470	12	WASHER, Lock (1/2", Gr. 5)
11	137396DG	2	WELDMENT, Base weight (If equipped) - *ANSI/CSA*
	157633DG	2	WELDMENT, Base weight (If equipped) - *KC*
12	112008	4	BOLT, Hex–head (3/4"–10 x 1.5" Gr. 8) - *ANSI/CSA*
	103873	4	BOLT, Hex–head (3/8"–16 x 2.25" Gr. 8) - *KC*
13	104002	4	WASHER, Lock (3/4") - ANSI/CSA
	104606	4	NUT, Hex head (3/8"–16, Gr. 5) - *KC*
14	702194	4	WASHER, Flat (3/4") - Hard - *ANSI/CSA*
	103472	8	WASHER, Flat (3/8") - *KC*
15	170656	4	PIN, Wheel pivot
16	103864	11	BOLT, Hex head (5/16"–18 x 1", Gr. 5)
17	103404	11	WASHER, Lock (5/16")
18	103996	11	WASHER, Flat (5/16")
19	(Ref.)	1	STEER CYLINDER ASSEMBLY
			(For components, refer to Section 3.4 Steer Cylinder)
20	(Ref.)	1	TIE ROD ASSEMBLY
			(For components, refer to Section 3.5 Tie Rod)
21	170659DG	1	WELDMENT, Front wheel motor housing - Left
22	170722	4	BUSHING, DU (1.75" x 1")
23	170661	4	BUSHING, (1.505" ID x 2.505" OD x 0.125")
24	(Ref.)	2	MOTOR, Front wheel
			(For components, refer to Section 3.8 Wheel Motor - Front)
25	103469	8	BOLT, Hex head (1/2"–13 x 3.25", Gr. 5)
26	134716	4	HUB, 6 ON 6 (1–1/2" shaft)
27	135905	2	WHEEL ASSEMBLY
			(For components, refer to Section 3.2 Tires)
28	140920	4	PIN, Cotter 5/32 x 2.5"
29	(Ref.)	4	NUT, Castle
			(For components, refer to Section 3.8 Wheel Motor - Front)

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3.10 Hydraulic Hose Connections - Main Manifold

Index No.	Skyjack Part No.	Qty.	Description
1	114368	1	HOSE ASSEMBLY (1/2" diameter x 70")
2	137818	1	HOSE ASSEMBLY (1/2" diameter x 29")
3	(Ref.)	1	FLOW DIVIDER, Gear type (For components, refer to Section 3.11 Hydraulic Cabinet - S/N 37 009 781 & above) (For components, refer to Section 3.12 Hydraulic Cabinet - S/N 37 009 780 & below)
4	(Ref.)	1	HOSE ASSEMBLY (3/8" diameter x 84") (For components, refer to Section 2.8 Holding Valve)
5	137819	1	HOSE ASSEMBLY (1/2" diameter x 24")
6	137831	1	HOSE ASSEMBLY (5/8" diameter x 20")
7	(Ref.)	1	BASE ASSEMBLY (For components, refer to Section 3.1)
8	137820	2	HOSE ASSEMBLY (1/4" diameter x 68")
9	137821	1	HOSE, Suction (1–1/4" diameter x 44")
10	137204	1	TUBE, Suction
11	114326	6	CLAMP, Hose (1.56")
12	133654	2	HOSE, Tank truck (1.25" diameter x 3.5")
13	137816	1	HOSE ASSEMBLY (1/2" diameter x 77")
14	102463	1	HOSE ASSEMBLY (1/2" diameter x 84")
15	(Ref.)	1	SPLITTER MANIFOLD ASSEMBLY (For components, refer to Section 3.6 Splitter Manifold)
16	140906	1	HOSE ASSEMBLY (1/2" diameter x 65")
17	137832	1	HOSE ASSEMBLY (3/8" diameter x 35")
18	140903	1	HOSE ASSEMBLY (1/4" diameter x 50")
19	140905	1	HOSE ASSEMBLY (1/2" diameter x 62")
20	140904	1	HOSE ASSEMBLY (1/2" diameter x 64")
21	(Ref.)	1	MAIN MANIFOLD ASSEMBLY (For components, refer to Section 3.15 Main Manifold)
22	136454	1	HOSE ASSEMBLY (1" diameter x 11")
23	103320	AR	CLAMP, Gear (#16)
24	(Ref.)	1	FILTER ASSEMBLY (For components, refer to Section 3.11 Hydraulic Cabinet - S/N 37 009 781 & above) (For components, refer to Section 3.12 Hydraulic Cabinet - S/N 37 009 780 & below)
25	137485	1	HOSE ASSEMBLY (1" diameter x 41.5")
26	143615	1	HOSE ASSEMBLY (3/8" diameter x 51")
27	(Ref.)	1	CYLINDER, Cushion (For components, refer to Section 3.1 Base)
28	143616	1	HOSE ASSEMBLY (3/8" diameter x 72")

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–	170587DG	1	SCISSOR ASSEMBLY - *ANSI/CSA*
1	(Ref.)	1	• SCISSOR ASSEMBLY – MOUNTING HARDWARE (For components, refer to Section 2.3 Scissor Mounting Hardware)
2	170459DG	8	• SCISSOR ARMS, Outside
3	(Ref.)	1	• CYLINDER, Lower lift (For components, refer to Section 2.7 Lift Cylinder and Mounting Hardware)
4	(Ref.)	1	• SCISSOR ASSEMBLY – CONNECTING HARDWARE (For components, refer to Section 2.4 Scissor Connecting Hardware)
5	170463DG	1	• SCISSOR LEVEL, Inside (1st Level)
6	130841	4	• BUMPER ASSEMBLY, 1st Level
	130840	1	• • BUMPER, Scissor bottom (1st Level)
	123713	1	• • BOLT, Hex head (M12-1.25 x 16 mm, Grade 9.8)
	933630	1	• • WASHER, Structural - Hard (M12)
7	(Ref.)	1	• LIMIT SWITCH ASSEMBLIES (For components, refer to Section 2.6 Limit Switch)
8	170465DG	1	• SCISSOR LEVEL, Inside (3rd Level)
9	170464DG	2	• SCISSOR LEVEL, Inside (2nd and 4th Level)
10	(Ref.)	1	• CYLINDER, Upper lift (For components, refer to Section 2.7 Lift Cylinder and Mounting Hardware)
11	132539DG	1	• MAINTENANCE SUPPORT ASSEMBLY
	123344DG	1	• • MAINTENANCE SUPPORT
	122006	2	• • BOLT, Hex head (5/16"–18 x 3.25", Gr. 5)
	103984	2	• • NUT, Hex (5/16"–18, Gr. 5)
12	121860	12	• BUMPER, Scissor arm
13	(Ref.)	1	• TUBE, Outside scissor spacer (For components, refer to Section 2.4 Scissor Connecting Hardware)
14	(Ref.)	1	• LIGHT AND BEEPER ASSEMBLY\ (For components, refer to Section 2.9 Light and Beeper)

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