SKYJACK

PARTS MANUAL

SJ82T, SJ86T

TELESCOPIC BOOMS



170453AO

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ANSI/CSA, CE, AS

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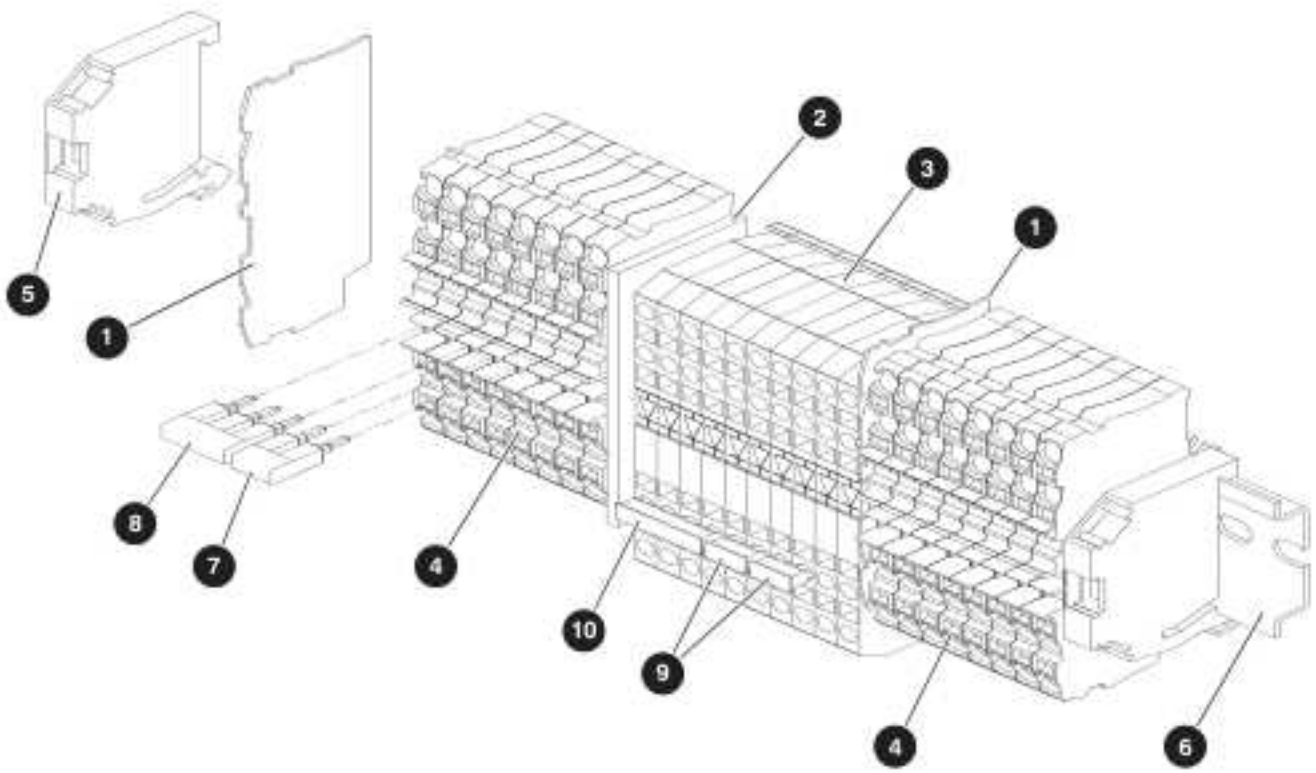
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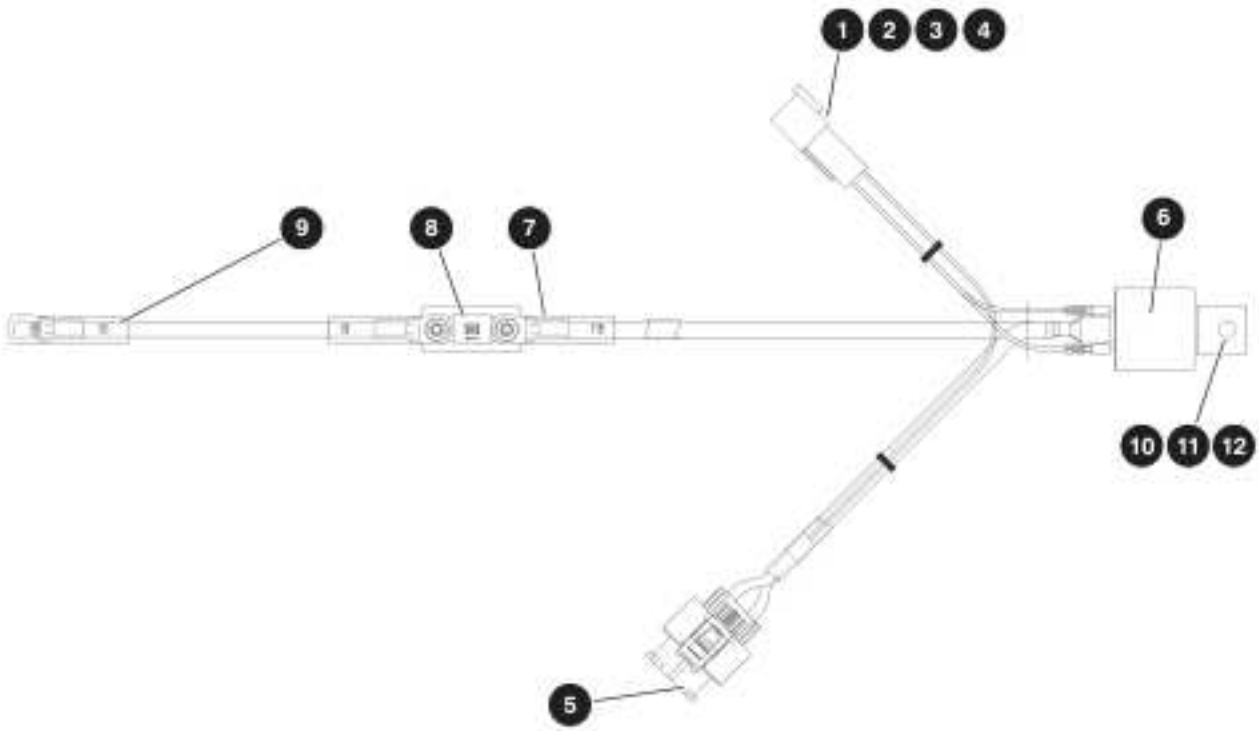
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Index No.	Skyjack Part No.	Qty.	Description
A	138613	1	TERMINAL STRIP, Platform - *ANSI/CSA*
B	144403	1	TERMINAL STRIP, Platform - *CE Deutz D2011 & AS*
C	224635	1	TERMINAL STRIP, Platform - *CE Deutz TCD2.2*
1	137941	2	• PLATE, End/intermediate (0.08 mm)
2	707146	1	• PLATE, End/intermediate (2.5 mm)
3	707145	9	• TERMINAL BLOCK, Diode, *A, C*
	707145	10	• TERMINAL BLOCK, Diode, *B*
4	137940	13	• TERMINAL BLOCK, Through, *A*
	137940	14	• TERMINAL BLOCK, Through, *B*
	137940	15	• TERMINAL BLOCK, Through, *C*
5	707147	2	• END STOP
6	102874	7.25'	• DIN RAIL
7	137942	1	• JUMPER, 2 pin, *C*
8	137943	1	• JUMPER, 3 pin, *C*
9	212825	2	• JUMPER, 2 pin comb, *C*
10	213549	4	• JUMPER, 3 pin comb, *C*

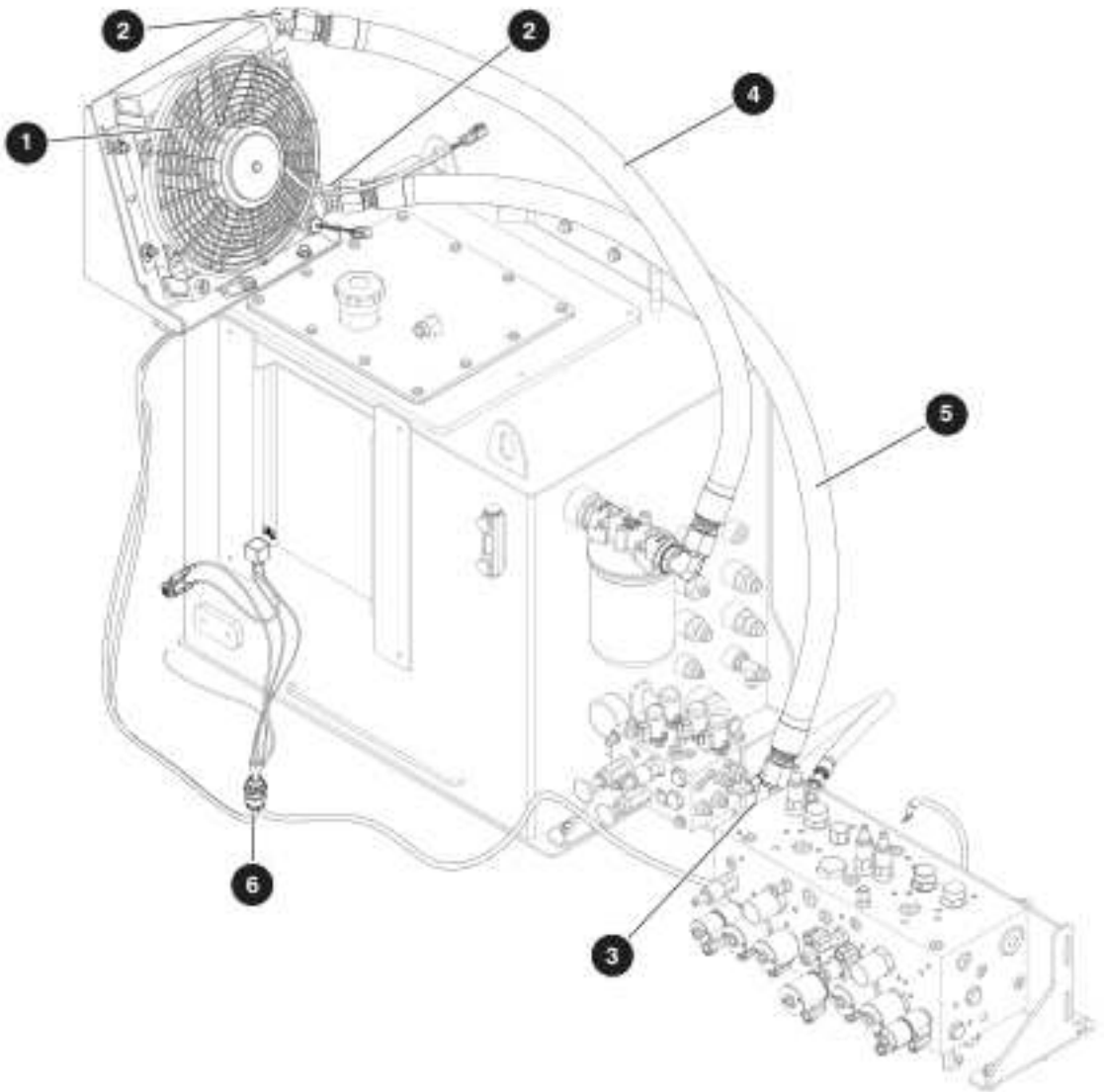
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Index No.	Skyjack Part No.	Qty.	Description
-	165022	1	GLOW PLUG HARNESS ASSEMBLY - *Deutz TD2.9L engine*
-	165028	1	• HARNESS ASSEMBLY, Glow Plug
-	165048	1	• • HARNESS, Glow plug
1	117578	1	• • • RECEPTACLE, Connector (4 pin)
2	117580	1	• • • RECEPTACLE, Connector (4 pin wedge)
3	117590	3	• • • CONTACT PIN, Connector (16-18)
4	117594	1	• • • SEALING PLUG, Connector
5	165050	1	• • • CONNECTOR, (2F TYCO BNG1)
6	165029	1	• • RELAY, 150A (12V SPST)
7	165030	1	• • HOLDER, Fuse (Inline)
8	165031	1	• • FUSE, Bolt-down (100A)
9	165049	1	• • WIRE ASSEMBLY, Power (Glow plug)
10	104698	1	• SCREW, Round head machine (#10-32 x 0.75")
11	104694	2	• WASHER, Flat (#10)
12	300450	1	• NUT, Hex head (#10-32, grade 5)
13	139106	1	• BOOT, Terminal, #4 AWG (not shown)

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Index No.	Skyjack Part No.	Qty.	Description
-	168659	1	OIL COOLER WITH NO GENERATOR
1	(Ref.)	1	• OIL COOLER ASSEMBLY (For components, refer to 9.2 Oil Cooler Assembly)
2	152552	2	• FITTING, Elbow 45° (16 JICM-12 ORBM)
3	707040	1	• FITTING, Elbow 90° (16 JICM-16 ORBM)
-	168660	1	• OIL COOLER HOSE KIT
4	H511600520	1	• • HOSE, Hydraulic - oil cooler OUT to return filter IN
5	H511600580	1	• • HOSE, Hydraulic - oil cooler IN to main manifold T2
6	(Ref.)	1	• WIRING ASSEMBLIES (not shown) (For components, refer to 9.11 Generator and Oil Cooler Wiring)

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4.16 Base Controls - Deutz TD2.9L, D2011 & Perkins 2.2TA

Index No.	Skyjack Part No.	Qty.	Description
A	168785	1	BASE CONTROLS - *SJ82T ANSI/CSA - Deutz D2011*
B	168787	1	BASE CONTROLS - *SJ82T ANSI/CSA - Deutz TD2.9L*
C	216384	1	BASE CONTROLS - *SJ82T ANSI/CSA - Perkins 2.2TA*
D	167082	1	BASE CONTROLS - *SJ86T ANSI/CSA - Deutz D2011*
E	167189	1	BASE CONTROLS - *SJ86T ANSI/CSA - Deutz TD2.9L*
F	212382	1	BASE CONTROLS - *SJ86T ANSI/CSA - Perkins 2.2TA*
G	171456	1	BASE CONTROLS - *SJ86T CE - Deutz D2011*
H	167172	1	BASE CONTROLS - *SJ86T CE - Deutz TD2.9L*
I	171518	1	BASE CONTROLS - *SJ86T AS - Deutz D2011*
J	171526	1	BASE CONTROLS - *SJ82T ANSI/CSA - Deutz TD2.9L with Posi-Air Option*
K	171510	1	BASE CONTROLS - *SJ86T ANSI/CSA - Deutz TD2.9L with Posi-Air Option*
-	168666	1	• CONTROL BOX, *A, B, C, D, E, F, G, H, I*
-	171509	1	• CONTROL BOX, *J, K*
1	168667	1	• • BODY, Control box, *A, B, C, D, F, G, H, I*
	171506	1	• • BODY, Control box, *J, K*
2	171505	1	• • DOOR, Control box
3	171504	1	• • PANEL, Control box
4	138715	1	• • LATCH, Slotted door
5	138723	1	• • WEATHER STRIP
6	103996	4	• • WASHER, Flat (1/4")
7	115649	4	• • NUT, Hex lock (1/4"-20 Grade 5, nylon)
8	138724	4	• • STANDOFF, Nylon (0.26 ID x 1/2" long)
9	138714	1	• • HINGE, Continuous
10	195940	1	• HOUR METER, *A, B, C, D, R, F, J, K*
	170787	1	• HOUR METER, *G, H, I*
	130445	1	• • CONNECTOR, Male - 6-pole
	170625	1	• • COUNTER, Hour meter
11	102853	5	• SWITCH, Toggle, *A, B, C*
	102853	6	• SWITCH, Toggle, *D, E, F, G, H, I, J*
	102853	7	• SWITCH, Toggle, *K*
12	148988	1	• SWITCH, Toggle (2NT1-70), *A, B, C, D, E, F, G, J, K*
	171502	1	• INDICATOR, Light (Amber), *H, I*
13	138278	2	• SWITCH, Toggle
14	164833	1	• SWITCH ASSEMBLY, Key, *A, B, C, D, E , F, J, K*
	165828	1	• SWITCH ASSEMBLY, Key, *H, G*
	164949	1	• SWITCH ASSEMBLY, Key, *I*
	147056	1	• • LATCH, Mounting
	147053	1	• • BLOCK, NO Contact (red plunger), *A, B, C, D, E, F, J, K*
	166141	1	• • BLOCK, NO Contact (black plunger)
	166142	1	• • BLOCK, NC Contact (yellow plunger)
	149606	1	• • SWITCH HEAD, Selector, *A, B, C, D, E, F, I, J, K*
	165829	1	• • SWITCH HEAD, Selector, *H, G*
15	144652	1	• SWITCH, Emergency stop red
	147056	1	• • LATCH, Mounting
	147053	1	• • BLOCK, NC Contact
	147229	1	• • SWITCH, LED block
	147051	1	• • HEAD, Emergency stop switch

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Index No.	Skyjack Part No.	Qty.	Description
A	165152	1	FRONT AXLE ASSEMBLY
-	165104	1	• AXLE, Front
1	(Ref.)	1	• • CENTRAL HOUSING - Front Axle (For components, refer to 5.7 Central Housing - Front Axle)
2	(Ref.)	1	• • DIFFERENTIAL - Front Axle (For components, refer to 5.4 Differential - Front Axle)
3	(Ref.)	1	• • HUB REDUCTION - Front Axle (For components, refer to 5.5 Hub Reduction - Front Axle)
4	(Ref.)	1	• • BRAKES - Front Axle (For components, refer to 5.6 Brakes - Front Axle)
5	(Ref.)	1	• • STEERING ASSEMBLY - Front Axle (For components, refer to 5.8 Steering Assembly - Front Axle)
6	(Ref.)	1	• • TRUNNION - Front Axle (For components, refer to 5.9 Trunnion - Front Axle)
7	171940	2	• WEAR PAD, Steering axle
8	702194	4	• WASHER, Flat hardened (0.75")
9	149181	2	• FITTING, Straight (04 JICM - M14 x 1.5)
10	168769	2	• FITTING, Straight (06 JICM - M18M)
11	139126	2	• SEAL, British bonded (04 SPPM)
12	700575	4	• NUT, Torque lock (3/4"-10, Grade C
13	146773	4	• BOLT, Hex head (0.75"-10 x 5.00" gr 8)
14	171198	2	• FILTER, Breather
15	160792	1	• FITTING, Branch tee (04 JICFSW - 04 JICM)
16	152305	2	• SEAL, Bonded (M18 DIN 3852-1)
17	171941	4	• SCREW, Flat head cap (M16-2 x 40 gr 10.9)
B	165153	1	REAR AXLE ASSEMBLY
-	165105	1	• AXLE, Rear
18	(Ref.)	1	• • CENTRAL HOUSING - Rear Axle (For components, refer to 5.13 Central Housing - Rear Axle)
19	(Ref.)	1	• • DIFFERENTIAL - Rear Axle (For components, refer to 5.11 Differential - Rear Axle)
20	(Ref.)	1	• • HUB REDUCTION - Rear Axle (For components, refer to 5.12 Hub Reduction - Rear Axle)
21	(Ref.)	1	• • BRAKES - Rear Axle (For components, refer to 5.14 Brakes - Rear Axle)
22	702194	8	• WASHER, Flat hardened (0.75")
23	149181	3	• FITTING, Straight (04 JICM - M14 x 1.5)
24	139126	3	• SEAL, British bonded (04 SPPM)
25	700575	8	• NUT, Torque lock (3/4"-10, Grade C)
26	171198	2	• FILTER, Breather
27	160792	1	• FITTING, Branch tee (04 JICFSW - 04 JICM)
28	167732	4	• U-BOLT, Axle mount

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