SKYJACK™ OPERATING MAINTENANCE & PARTS MANUAL



SJ-1000 SERIES Engine Powered

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ELECTRICAL SCHEMATIC PARTS LIST
(All Models) (Shown With Kubota Engines and Outrigger Proximity Switches)

Ref. No.	Part No.	Description
B1	103295	BATTERY, 12 Volt (1) (start)
B2	108789	BATTERY, 12 Volt (1) (emergency lowering)
BE-29	103056	BEEPER, 12 Volt (1)
CAP1	103319	CAPACITOR, 35 Volt (1)
CB1	102331	CIRCUIT BREAKER, 15A (1)
CB2	102331	CIRCUIT BREAKER, 15A (1) (powered ext. platform opt.)
CB3	102331	CIRCUIT BREAKER, 15A (1)
CS-31A	103007	SOLENOID, Choke (1)
DA1	105964	DIODE ASSY. (1) (outrigger)
D10 to D96	102921	DIODE, 6 Amp/1000PIV (AR)
DCM1	300248	MOTOR, 12VDC (1) (powered ext. platform opt.)
EGP1	KUBOTA	ENGINE GLOW PLUGS
F2	111282	FUSE, 100 Amp (1) (powered ext. platform opt.)
F3	114866	FUSE, 1 Amp (1) (tilt switch)
FL-13B	103743	FLASHER (1)
FL-22	102511	FLASHING LIGHT (1)
FP	KUBOTA	FUEL PUMP (1)
GPL1	KUBOTA	GLOW PLUG IND. LIGHT(1)
GPT1	KUBOTA	GLOW PLUG TIMER (1)
H1	102850	HORN, 12 Volt (1) (horn opt.)
HTS34A	103007	SOLENOID, High throttle (1)
LS4	111356	LIMIT SWITCH, End-of-stroke (1)
LS5	111356	LIMIT SWITCH, High drive/tilt override (1)
LS6-LS9	102668	LIMIT SWITCH, Scissor guard option (4)
OPS1	102826	OIL PRESSURE SWITCH (1)
PL1	102671	CONTACT BLOCK, Power indicator light (1)
PS-61	108626	PROXIMITY SWITCH, Cylinder rod actuated (1)
PS-62	108626	PROXIMITY SWITCH, Cylinder rod actuated (1)
PS-63	108626	PROXIMITY SWITCH, Cylinder rod actuated (1)
PS-64	108626	PROXIMITY SWITCH, Cylinder rod actuated (1)
PS-65	108627	PROXIMITY SWITCH, Tube actuated (1)
PS-66	108627	PROXIMITY SWITCH, Tube actuated (1)
PS-67	108627	PROXIMITY SWITCH, Tube actuated (1)
PS-68	108627	PROXIMITY SWITCH, Tube actuated (1)
RST2	108788	RESISTOR, 3 Ohm/100W (1)
S1	102601	SWITCH, Main disconnect (1)
S2	103141	N.O. CONTACT BLOCK (1)
S3	103141	N.O. CONTACT BLOCK (1)
	103225	N.C. CONTACT BLOCK (3)
S4	103225	N.C. CONTACT BLOCK (1)
S5	103141	N.O. CONTACT BLOCK (2)
S6	103225	N.C. CONTACT BLOCK (1)
S7	103334	CONTROLLER, Joystick (1)
S7-1	102768	SWITCH W/ACTUATOR, 2nd Speed (1)
S7-2	105733	SWITCH, Right steer (1)
S7-3	105733	SWITCH, Left steer (1)
S7-4	102768	SWITCH W/ACTUATOR, Reverse (1)
S7-5	102768	SWITCH W/ACTUATOR, Forward (1)
S7-6	102768	SWITCH W/ACTUATOR, 3rd Speed. (1)
S8	103141	N.O. CONTACT BLOCK (1)
S9	103141	N.O. CONTACT BLOCK (1)
S10	103141	N.O. CONTACT BLOCK (1)
	103225	N.C. CONTACT BLOCK (1)
S11	103141	N.O. CONTACT BLOCK (2)
S11A	103141	N.O. CONTACT BLOCK (2)
S12	103141	N.O. CONTACT BLOCK (1)
	112434	SWITCH/HOLD CONTACT BLOCK (1)
S13	103141	N.O. CONTACT BLOCK (1)
S14	103141	N.O. CONTACT BLOCK (1)
S15	103141	N.O. CONTACT BLOCK (1)
S16	103141	N.O. CONTACT BLOCK (1)
S17	103141	N.O. CONTACT BLOCK (1)
S20	102853	SWITCH, Outrigger toggle (1)
S21	102853	SWITCH, Outrigger toggle (1)
S22	102853	SWITCH, Outrigger toggle (1)
S23	102853	SWITCH, Outrigger toggle (4)
S30	102752	SWITCH, Engine off/on (1)
S31	102692	SWITCH, Engine choke (1)
	102692	SWITCH, Engine glow plug (1)
S32	102692	SWITCH, Start (1)
S51	103141	N.O. CONTACT BLOCK (1)
TPS1	113400	TEMPERATURE SWITCH, Engine (1)
TS1	106471	TILT SWITCH (1)
TT	103336	HOURMETER (1)
VS1	111623	VACUUM SWITCH (1)

ELECTRICAL SCHEMATIC PARTS LIST (continued)
(All Models) (Shown With Kubota Engines and Outrigger Proximity Switches)

Ref. No.	Part No.	Description
1TD	103207	RELAY, 12 Volt DPDT (1)
9ACR	111787	CONTACTOR, 12 Volt (1) (powered ext. platform opt.)
10BCR1	103207	RELAY, 12 Volt DPDT (1)
10BCR2	103207	RELAY, 12 Volt DPDT (1)
13(B)CR	103316	RELAY, 12 Volt SPDT (1)
14CR	103316	RELAY, 12 Volt SPDT (1)
15CR	103207	RELAY, 12 Volt DPDT (1)
16CR	103207	RELAY, 12 Volt DPDT (1)
17CR	103316	RELAY, 12 Volt SPDT (1)
17ACR	103316	RELAY, 12 Volt SPDT (1)
17BCR	103316	RELAY, 12 Volt SPDT (1)
18CR	103316	RELAY, 12 Volt SPDT (1)
23CR	103316	RELAY, 12 Volt SPDT (1)
24CR	103316	RELAY, 12 Volt SPDT (1)
28CR	103207	RELAY, 12 Volt DPDT (1)
30CR	103316	RELAY, 12 Volt SPDT (1)
31CR	103316	RELAY, 12 Volt SPDT (1)
31ACR	103731	RELAY, 12 Volt auto (diesel engine) (1)
32CR	103207	RELAY, 12 Volt DPDT (1)
32ACR	KUBOTA	CONTACTOR, Start (1)
32BCR	103316	RELAY, 12 Volt SPDT (1)
35CR	103316	RELAY, 12 Volt SPDT (1) (early models)
49CR	103316	RELAY, 12 Volt SPDT (1) (horn option)
55CR	103316	RELAY, 12 Volt SPDT (1) (gasoline engine)
61CR	103207	RELAY, 12 Volt DPDT (1)
62CR	103207	RELAY, 12 Volt DPDT (1)
63CR	103207	RELAY, 12 Volt DPDT (1)
64CR	103207	RELAY, 12 Volt DPDT (1)
65CR	103316	RELAY, 12 Volt SPDT (1)
66CR	103316	RELAY, 12 Volt SPDT (1)
67CR	103316	RELAY, 12 Volt SPDT (1)
68CR	103316	RELAY, 12 Volt SPDT (1)
71CR	103316	RELAY, 12 Volt SPDT (1)
72CR	103316	RELAY, 12 Volt SPDT (1)
73CR	103316	RELAY, 12 Volt SPDT (1)
74CR	103316	RELAY, 12 Volt SPDT (1)
75CR	103316	RELAY, 12 Volt SPDT (1)
76CR	103316	RELAY, 12 Volt SPDT (1)
77CR	103316	RELAY, 12 Volt SPDT (1)
78CR	103316	RELAY, 12 Volt SPDT (1)
85CR	103316	RELAY, 12 Volt SPDT (1) (hyd. generator option)
99CR	300242	CONTACTOR, Motor start (1) (powered ext. platform opt.)
2D37	106370	SOLENOID, Diesel valve (1)
2G11	111626	SOLENOID, Gasoline valve (1)
2H-13B	103613	COIL, 12 Volt (lowering) (1)
2H-13B1	104410	COIL, 12 Volt (holding) (1)
2H-13B2	104410	COIL, 12 Volt (holding) (1)
2H-13B3	104410	COIL, 12 Volt (holding) (1)
2H-13B4	104410	COIL, 12 Volt (holding) (1)
2H-14B	103613	COIL, 12 Volt (lift) (1)
2H-17A	103613	COIL, 12 Volt (lrg. pump) (1)
2H-18A	103613	COIL, 12 Volt (sml. pump) (1)
2H-30A	103613	COIL, 12 Volt (free-wheeling) (1)
2H-30A1	103613	COIL, 12 Volt (brake dump) (1)
2H-30A2	103613	COIL, 12 Volt (brake feed) (1)
2H-50	103613	COIL, 12 Volt (lowering orifice) (1) (early models)
2H-86	106272	COIL, 12 Volt (1) (hyd. generator option)
2H-98-1	103613	COIL, 12 Volt (1) (auxiliary lowering)
2H-98-2	103613	COIL, 12 Volt (1) (auxiliary lowering)
2H-98-3	103613	COIL, 12 Volt (1) (auxiliary lowering)
2H-98-4	103613	COIL, 12 Volt (1) (auxiliary lowering)
2P50	111618	PROPANE VALVE COIL (1)
4H-15B	107441	COIL, 12 Volt (drive) (1)
4H-16B	107441	COIL, 12 Volt (drive) (1)
4H-23A	107440	COIL, 12 Volt (steer) (1)
4H-24A	107440	COIL, 12 Volt (steer) (1)
4H-23A	107440	COIL, 12 Volt (steer) (1)
4H-26	107440	COIL, 12 Volt (1) (powered ext. platform opt.)
4H-26A	107440	COIL, 12 Volt (steer) (1) (powered ext. platform opt.)
4H-27	107440	COIL, 12 Volt (steer) (1) (powered ext. platform opt.)
4H-27A	107440	COIL, 12 Volt (steer) (1) (powered ext. platform opt.)
4H-71A	107440	COIL, 12 Volt (outrigger) (1)
4H-72A	107440	COIL, 12 Volt (outrigger) (1)
4H-73A	107440	COIL, 12 Volt (outrigger) (1)
4H-74A	107440	COIL, 12 Volt (outrigger) (1)
4H-75A	107440	COIL, 12 Volt (outrigger) (1)
4H-76A	107440	COIL, 12 Volt (outrigger) (1)
4H-77A	107440	COIL, 12 Volt (outrigger) (1)
4H-78A	107440	COIL, 12 Volt (outrigger) (1)

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