SKYJACK™

MAINTENANCE & PARTS MANUAL



SJ-600 Series

Engine Powered

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Panel Diagram Reference Table

Serial Range		Model	Engine	Options	Diagram Location
7135					
340003	Above	ANSI/SIA & CSA	Kubota Dual Fuel	No Options	Page 24
		CE	Kubota Diesel		Page 25

Electrical Schematic Reference Table

Serial Range		Model	Engine	Options	Schematic Location
7135					
From	To				
340003	Above	ANSI/SIA & CSA	Kubota Dual Fuel	No Options	FIGURE 3.8-1.
				All Options	FIGURE 3.8-2.
			Kubota Diesel	All Options	FIGURE 3.8-3.
		CE		All Options	FIGURE 3.8-4.

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Table 2-2B. Maximum Platform Capacities (Evenly Distributed) - CE

MODEL		Total		First Extension		Second Extension	
		Capacity	Number Of Occupants	Capacity	Number Of Occupants	Capacity	Number Of Occupants
7127	One Extension Platform	454 kg	5	227 kg	2	Not Available	
7135	One extension Platform	454 kg	4	159 kg	1	Not Available	
8831	No extension Platform	1134 kg	6	Not Available			
	One Extension Platform	907 kg	6	227 kg	2	Not Available	
	Two Extension Platforms	771 kg	6	227 kg	2	227 kg	2
8841	No extension Platform	771 kg	5	Not Available			
	One Extension Platform	454 kg	5	227 kg	2	Not Available	
	Two Extension Platforms	454 kg	5	227 kg	2	227 kg	2
9250	No extension Platform	907 kg	5	Not Available			
	One Extension Platform	454 kg	5	227 kg	2	Not Available	
	Two Extension Platforms	454 kg	5	227 kg	2	227 kg	2

60376AA-CE

NOTE:

Occupants AND materials are not to exceed rated load.
Capacities listed are for standard machines equipped with #6 tires except for model 9250A which is equipped with foam filled tires.
Refer to capacity label at sides of platform for additional information and for models equipped with options.

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Figure 3.8-2. Electrical Schematic - ANSI/CSA - Kubota Dual Fuel - All Options

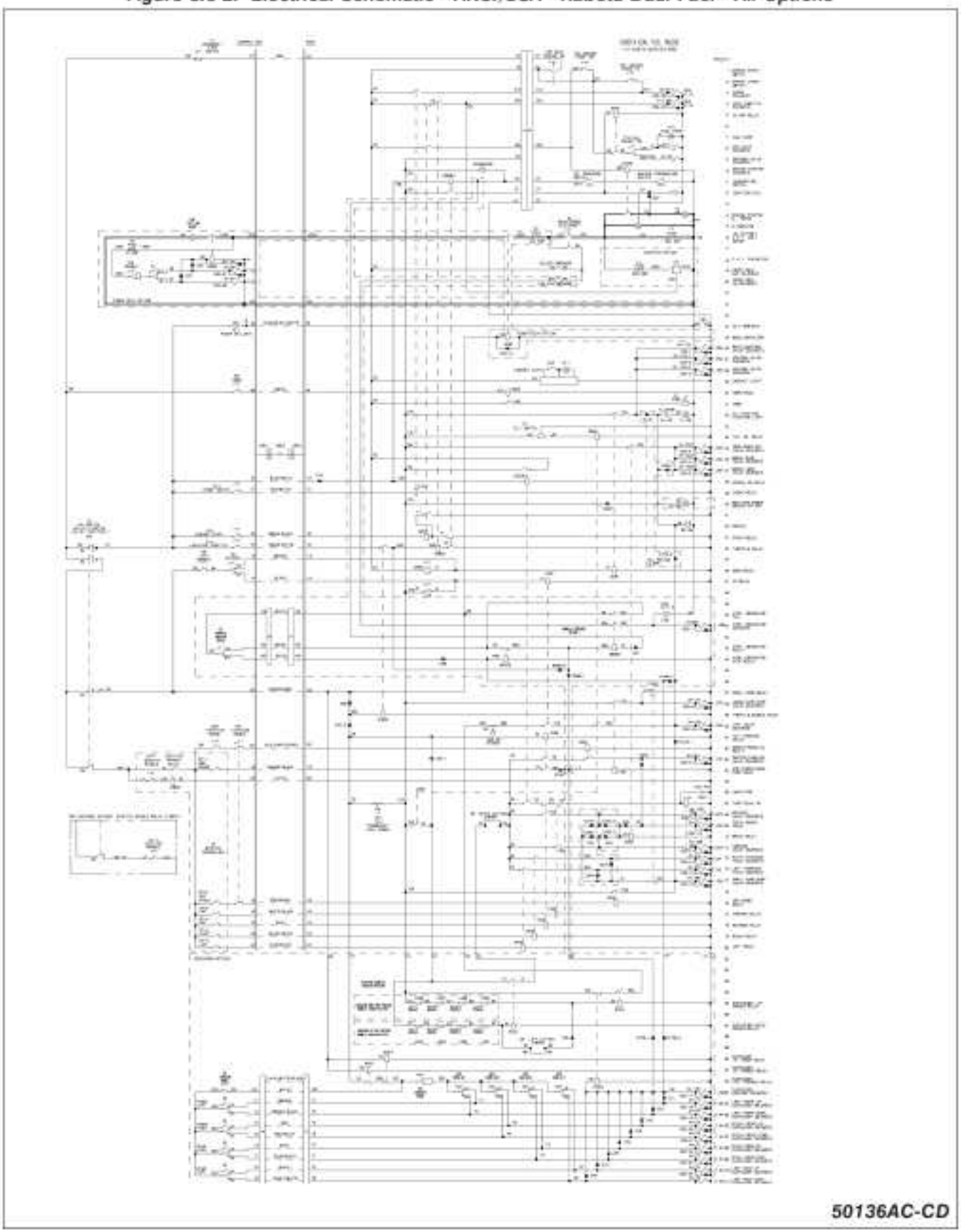


Figure 3.8-2. **SJ-600 Series Engine Powered 122894**

NOTE: To determine the correct electrical schematic that resembles your machine, refer to the "Table Of Contents" found at the beginning of this section.

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Troubleshooting Information - Hydraulic System

Probable Cause	Remedy
4.2-9. Up Circuit Inoperative	
1. Stuck or defective lift valve (2H14B).	1. Check valve. Repair or replace if defective.
2. Stuck check valve (CV3).	2. Check valve. Replace if defective.
3. Misadjusted or defective lift relief valve (R2).	3. Adjust valve. Replace if defective.
4. Stuck or defective lowering valve (2H13A).	4. Check valve. Repair or replace if defective.
5. Stuck or defective manual lowering valve (V1).	5. Check valve. Repair or replace if defective.
6. Open or defective brake feed valve (2H30A-2).	6. Check valve. Repair or replace if defective.
7. Open manual override on holding valve (2H13A-1) or (2H13A-2).	7. Depress and turn manual override clockwise to close. Replace if defective.
8. Stuck holding valve (2H13A-1) or (2H13A-2)	8. Check valves. Repair or replace if defective.
4.2-10. Down Circuit Inoperative	
1. Stuck or defective lowering valve (2H13A).	1. Check valve. Repair or replace if defective.
2. Stuck holding valve (2H13A1) or (2H13A2).	2. Check valves. Repair or replace if defective.
3. Plugged lowering orifice (O1).	3. Clean or replace orifice.
4.2-11. Powered Extension Deck Inoperative	
1. Defective powered extension pump (P3).	1. Check pump. Repair or replace if defective.
2. Misadjusted or defective relief valve (R5).	2. Adjust valve. Replace if defective.
3. Stuck or defective deck extend valve (4H26) or retract valve (4H27).	3. Check valves. Repair or replace if defective.
4. Defective powered extension cylinder (C3).	4. Check cylinder. Repair or replace if defective.
4.2-12. Hydraulic Generator Inoperative	
1. Stuck or defective hydraulic generator valve (2H86).	1. Check valve. Repair or replace if defective.
2. Misadjusted or defective flow control valve (FC1).	2. Adjust valve. Replace if defective.
3. Stuck or defective large pump dump valve (2H17A).	3. Check valve. Repair or replace if defective.
4. Defective hydraulic generator hydraulic motor (GM1).	4. Check motor. Repair or replace if defective.
4.2-13. All Outriggers Inoperative	
1. Stuck or defective Outrigger Holding Valve (2H-17B).	1. Check valve. Repair or replace if defective.
4.2-14. Left Front Outriggers Inoperative	
1. Stuck or defective Retract Valve (4H-71) or Extend Valve (4H-75).	1. Clean valve. Replace if defective.
2. Stuck or defective Check Valve (CV7).	2. Check valve. Replace if defective.
3. Bypassing Outrigger Cylinder (C9).	3. Repack cylinder. Replace if defective.
4.2-15. Right Front Outriggers Inoperative	
1. Stuck or defective Retract Valve (4H-72) or Extend Valve (4H-76).	1. Clean valve. Replace if defective.
2. Stuck or defective Check Valve (CV8).	2. Check valve. Replace if defective.
3. Bypassing Outrigger Cylinder (C10).	3. Repack cylinder. Replace if defective
4.2-16. Right Rear Outriggers Inoperative	
1. Stuck or defective Retract Valve (4H-73) or Extend Valve (4H-77).	1. Clean valve. Replace if defective.
2. Stuck or defective Check Valve (CV9).	2. Check valve. Replace if defective.
3. Bypassing Outrigger Cylinder (C11).	3. Repack cylinder. Replace if defective

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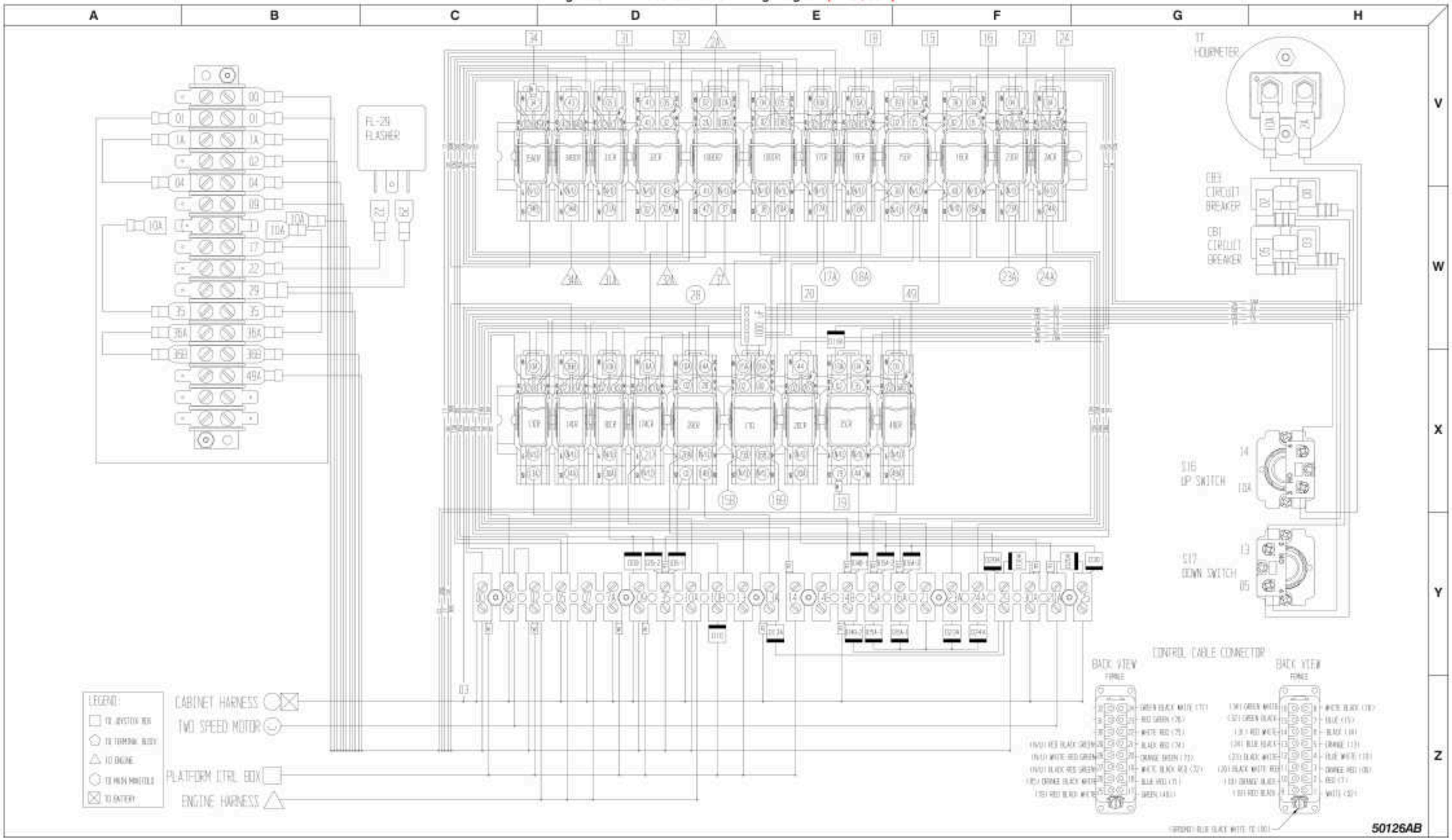
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Figure 3.7-1. Electrical Panel Wiring Diagram (ANSI/CSA)



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