

SERVICE MANUAL (ANSI/CSA)

ROUGH TERRAIN SCISSORS

MODELS SJ6826 RT SJ6832 RT

157951AF November 4 2026

SKYJACK

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SCHEDULED MAINTENANCE

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Table 2.3 Maximum Platform Capacities (Evenly Distributed)

MODEL		Total Machine Weight			Extension		
		Capacity		Number of Occupants	Capacity		Number of Occupants
6826	One Extension Platform	1250 lb.	567 kg	4	300 lb.	136 kg	1
6832	One Extension Platform	1000 lb.	453.6 kg	4	300 lb.	136 kg	1

RTC T4.4 - 133048AP

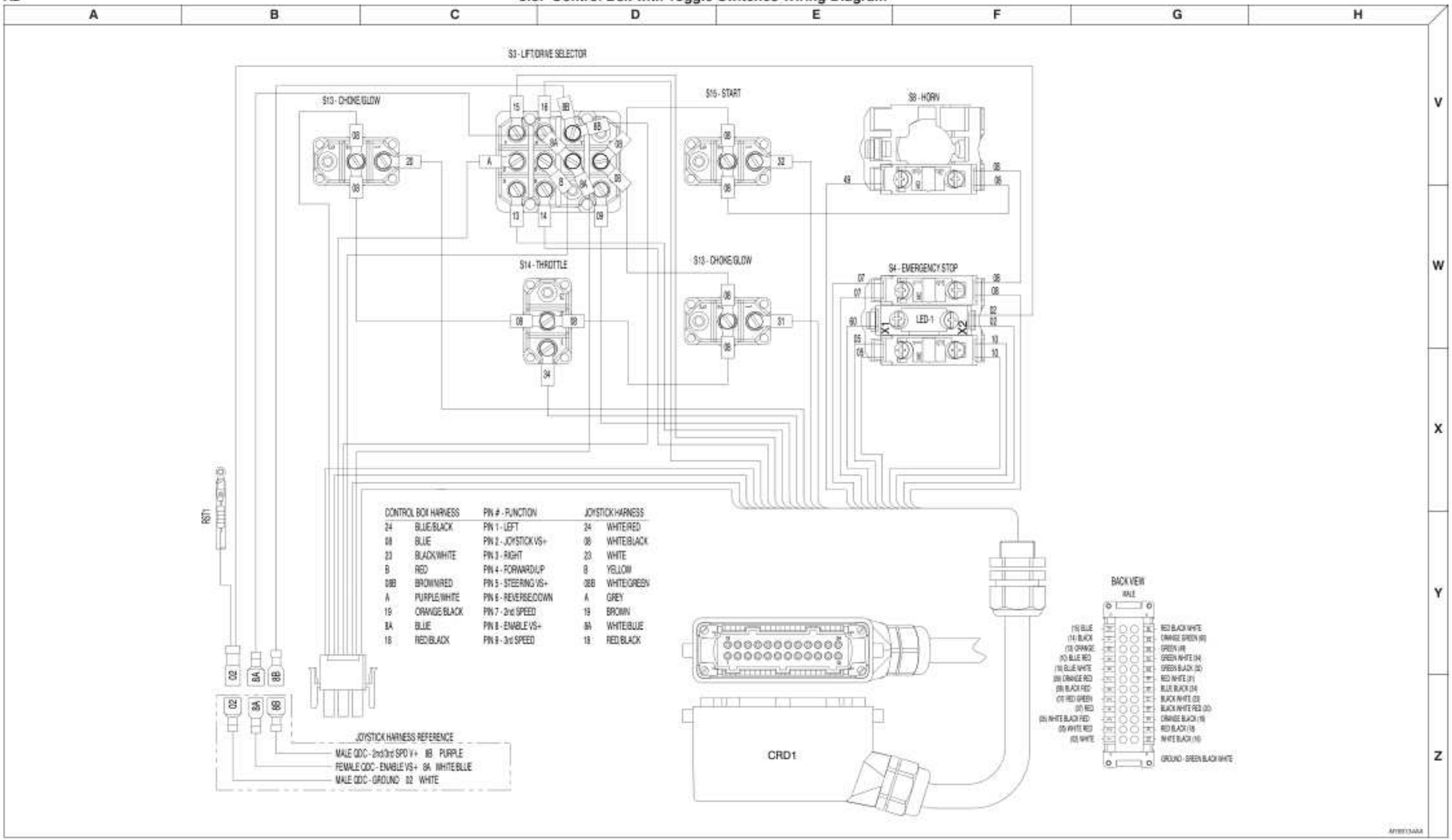
NOTE:

Occupants and materials are not to exceed rated load.

Refer to capacity label for additional information and for models equipped with options.

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3.8. Control Box with Toggle Switches Wiring Diagram



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Introduction

The following pages contain a table of Troubleshooting Information for locating and correcting most service trouble which can develop. Careful and accurate analysis of the systems listed in the table of Troubleshooting Information will localize the trouble more quickly than any other method. This manual cannot cover all possible troubles and deficiencies that may occur. If a specific trouble is not listed, isolate the major component in which the trouble occurs, isolate whether the problem is electrical or hydraulic, and then isolate and correct the specific problem.

The content of this section is separated into "probable cause" and "remedy." The information preceded by a number represents the "probable cause." The following line, noted by a dash represents the "remedy" to the "probable cause" directly above it. See example below for clarification.

1. Probable Cause
   - Remedy

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Table 2.5 Torque Specifications

CARTRIDGE						
Torque	Size					
	8	38	58	10	12	16
Lb-ft (max)	20			25	35	50
Lb-in (max)	240			300	420	600
Nm (max)	27.12			33.9	47.46	67.8

COILS	
Torque	Size
	All coils
Lb-ftt (max)	4 to 5
Lb-in (max)	48 to 60
Nm (max)	5.42 to 6.78

SAE PLUGS								
Torque	Size							
	2	4	5	6	8	10	12	16
Lb-ft (max)	3	10	15		25		30	35
Lb-in (max)	36	120	180		300		360	420
Nm (max)	4.07	13.56	20.34		33.9		40.68	47.46

BOLTS		
Type of Bolt	Torque (ft-lb)	Torque (Nm)
Directional valve mounting bolts	2.33 (28-32 in-lb)	3.16 - 3.61
Wheel mounting bolts	80	108.46
Wheel motor castle nut (front)	350	474.54
Wheel motor castle nut (back)	350	474.54
Center drive sprocket mounting bolts	110 - 115 (242 Loctite)	149 -156
Hydraulic drive motor mounting bolts	75	101
Hydraulic drive motor mounting bolts	150	203
Positive battery post cable/fuse nut	7.5 (90 in-lb)	10.2
Steer cylinder nut	70	94.9

Newton-meter = Nm	Foot-Pound Force = ft-lb	Inch-Pound Force = in-lb

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Section 4
TROUBLESHOOTING INFORMATION

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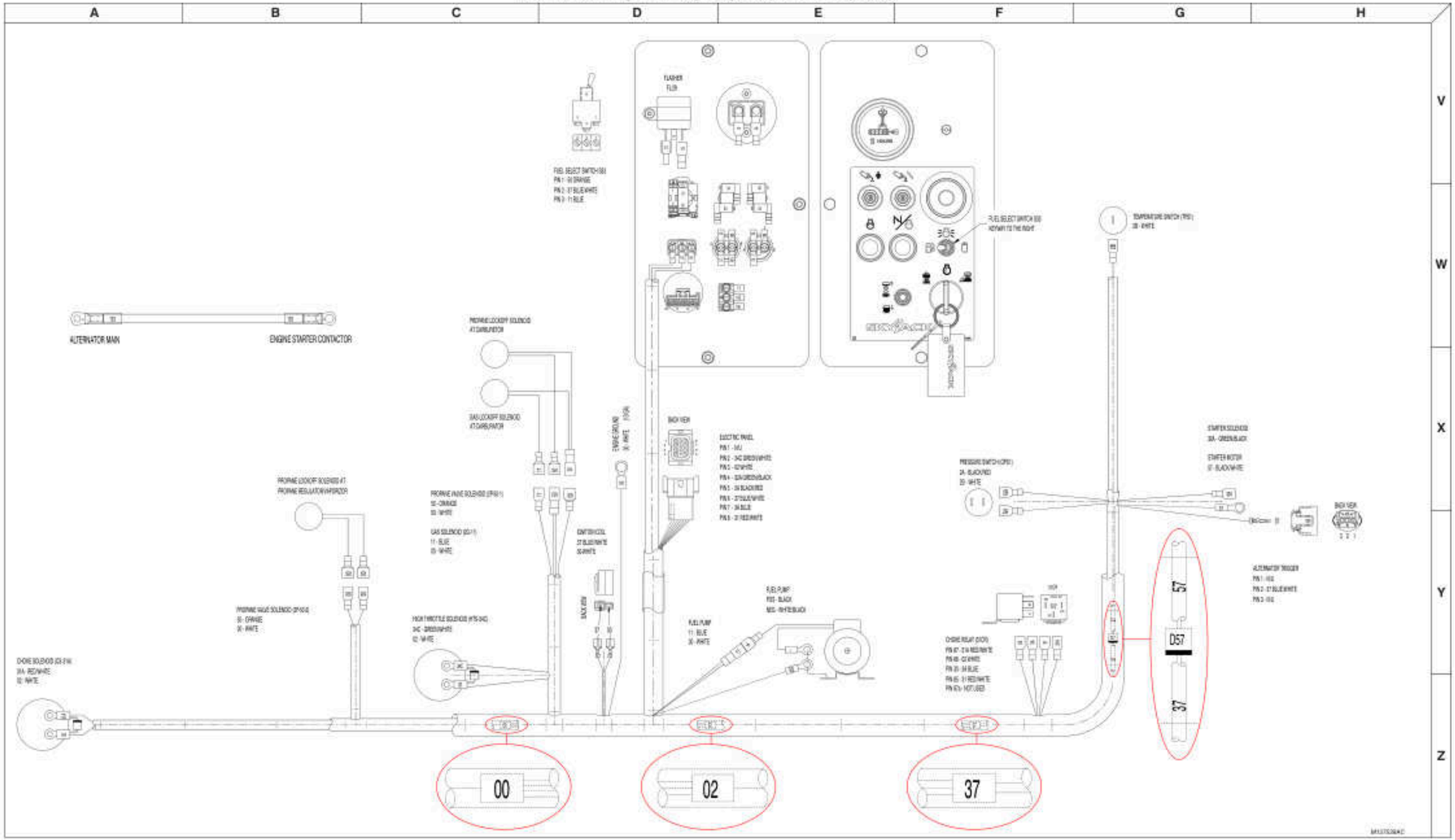
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3.12. Kubota Engine Wiring Diagram (Dual Fuel System)



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