SKYJACK

SERVICE MANUAL

SJ6826 RT, SJ6832 RT

ROUGH TERRAIN SCISSORS



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2.7 Fluids

Hydraulic Oil				
Model	**Capacity (Liters)**	**Capacity (US Gallons)**	**Oil Type**	
SJ68XXRT	86.88	22.95	ATF Dexron III	
			Shell Naturelle HF-E 32 (biodegradable)	
Engine Oil				
Engine Type	**Capacity (Liters)**	**Capacity (US Gallons)**	**Engine Oil Type**	**Recommended Equivalent Oil**
Kubota D902	3.9	1.03	SAE 10W-30	10W30 - API Service Designation CG-4, CF-4, CD, SH
Kubota WG752	3.4	0.9		
Engine Coolant				
Engine Type	**Capacity (Liters)**	**Capacity (US Gallons)**	**Coolant Type**	
Kubota	3.1	0.82	Anti-freeze 50/50 Premix	
Engine Fuel				
Engine Type	**Capacity (Liters)**	**Capacity (US Gallons)**	**Fuel Type**	
Kubota D902	86.88	22.95	Diesel	
Kubota WG752			Unleaded Gasoline	

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2.8 Maximum platform capacities (evenly distributed)

Models	Wind Rating	Total Platform Capacity		Extension Platform Capacity		Manual Side Force	Tilt Cutout Setting
SJ6826 RT	12.5 m/s (28 mph)	567 kg (1250 lb)	4 Persons	136 kg (300 lb)	1 Person	400 N (90 lbf)	2.5° x 4.5°
SJ6832 RT		454 kg (1000 lb)	4 Persons				

NOTE

Occupants and materials are not to exceed the rated load. Refer to the capacity label at the sides of the platform for additional information and models equipped with options.

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Section 4 – Troubleshooting Information

4.1 Introduction

The following pages contain a table of Troubleshooting for locating and correcting most service trouble which can develop. Careful and accurate analysis of the systems listed in the table of Troubleshooting 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.

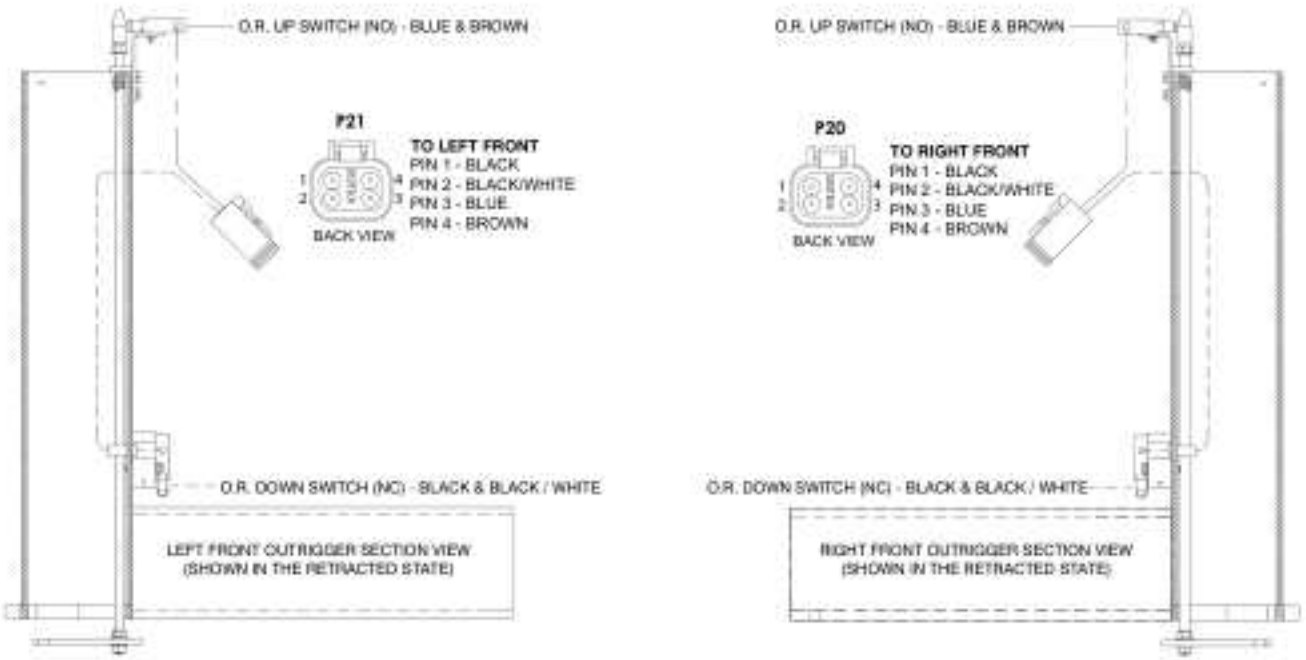
The content of this section is separated into "probable cause" and "remedy." The information in the left-hand column, preceded by a number, represents the "probable cause." The information in the right-hand column, in bold text, represents the "remedy" to the "probable cause" directly beside it. See the example below for clarification.

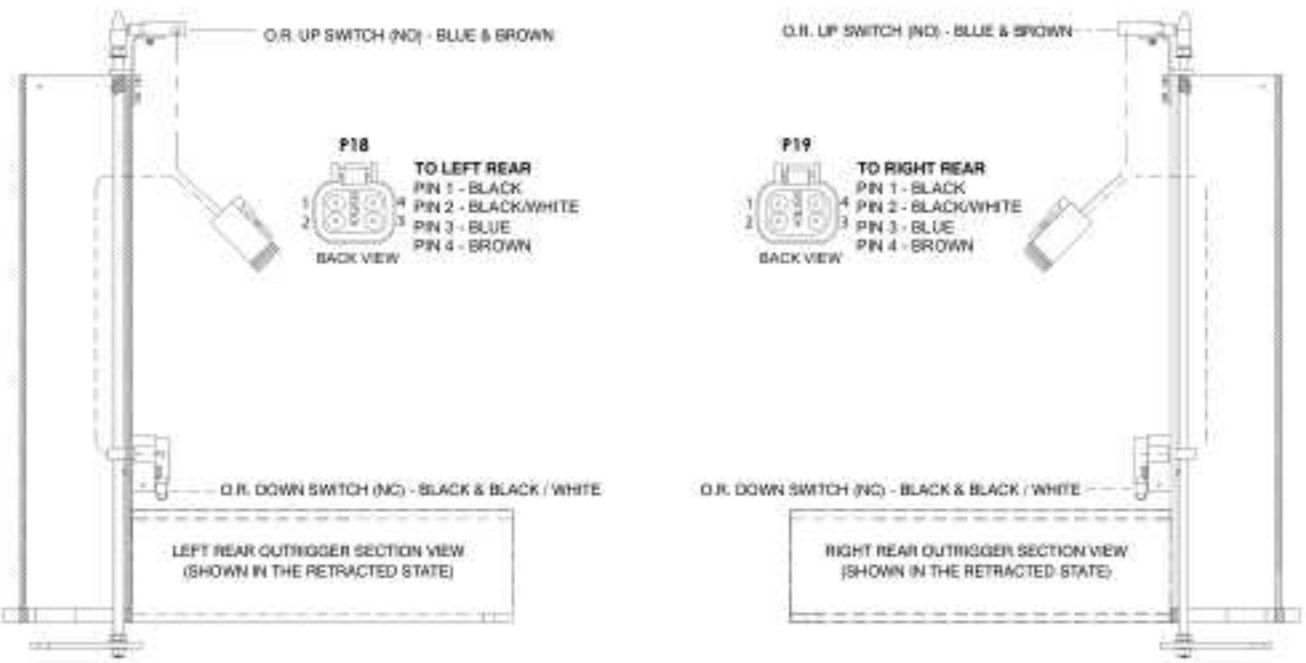
1. Probable cause	**Remedy**

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5.7 Outriggers

5.7-1 Outrigger mechanical limit switch wiring diagram





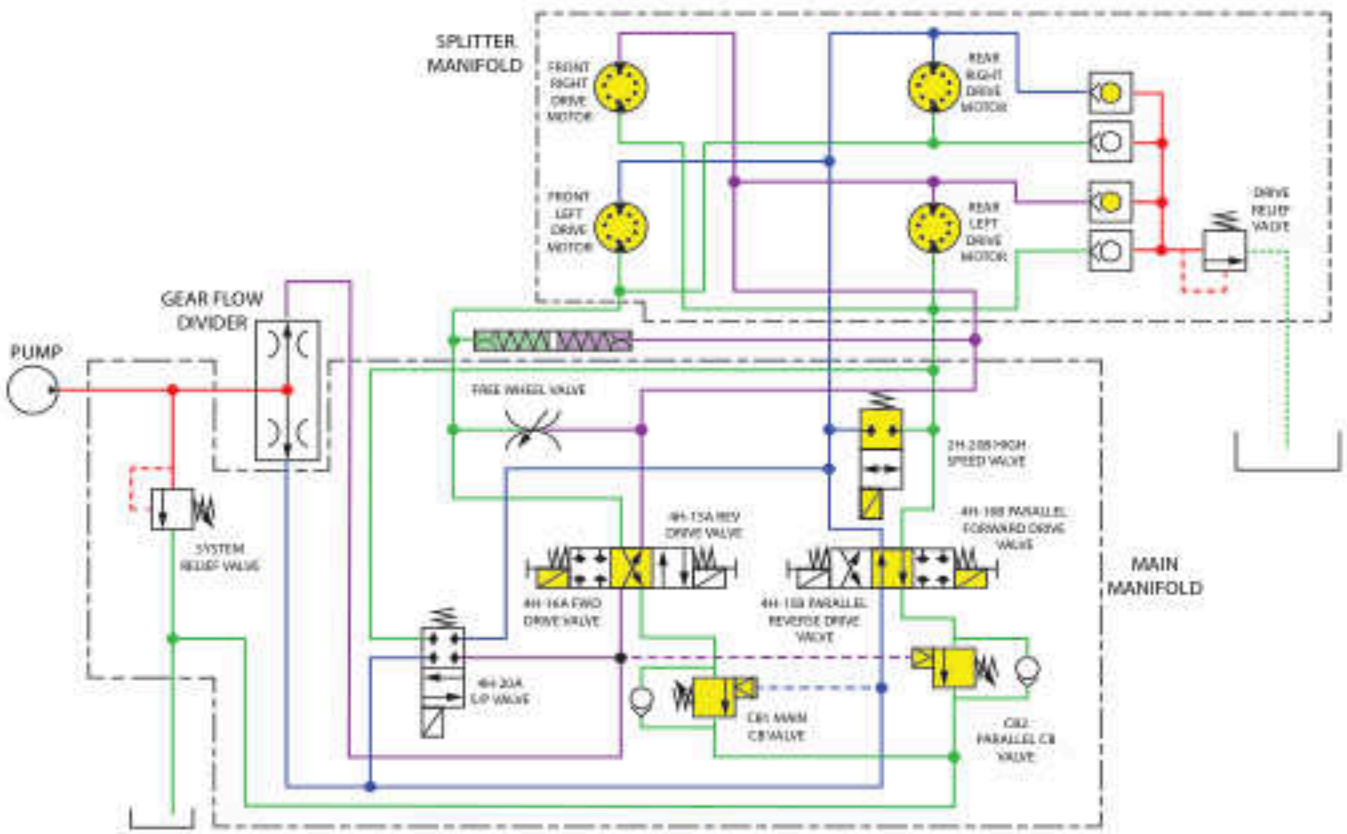
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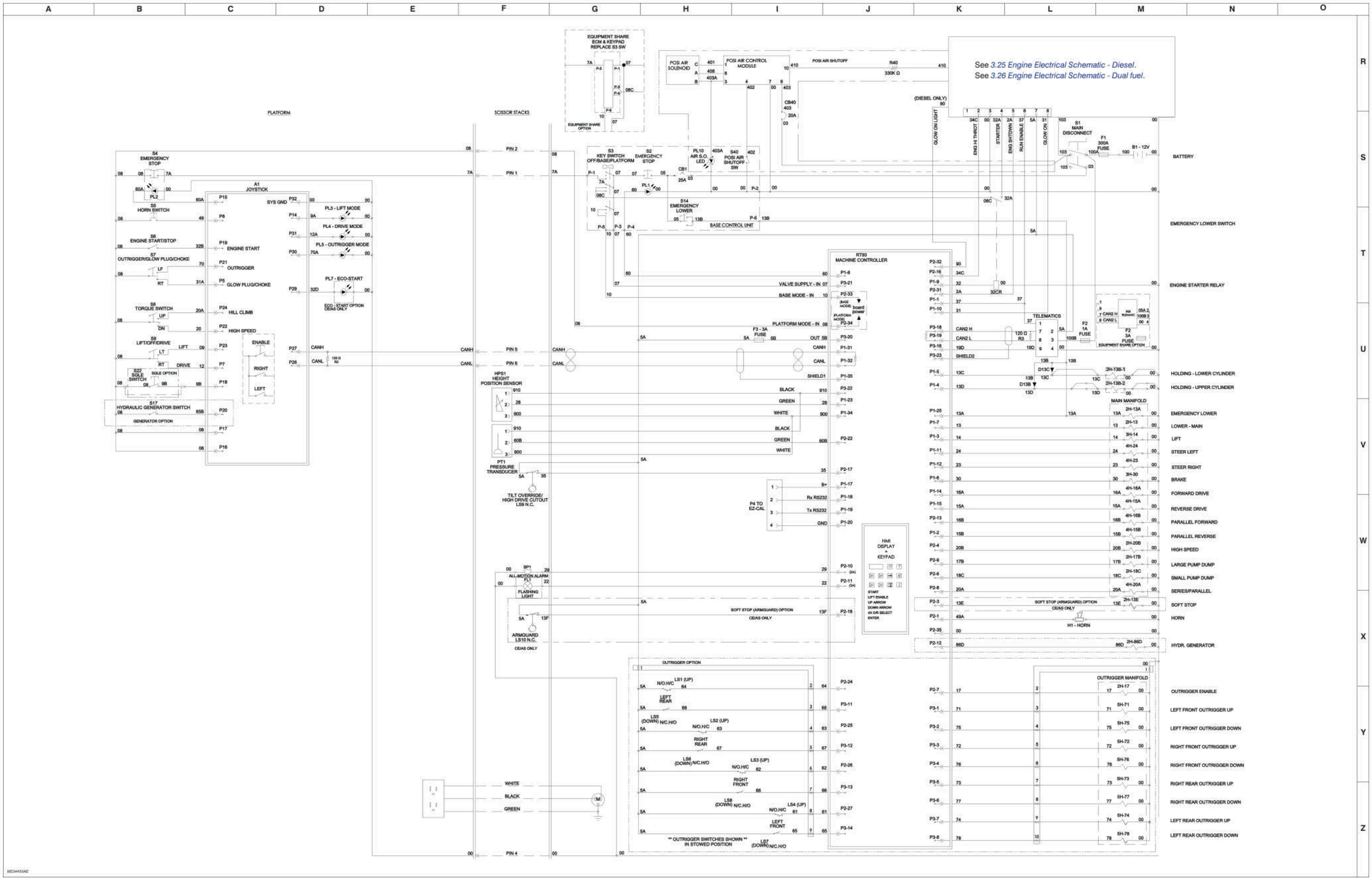
5.6-6 Drive circuit operation

Drive circuit parallel (torque)



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3.23 Electrical Schematic - All Options



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