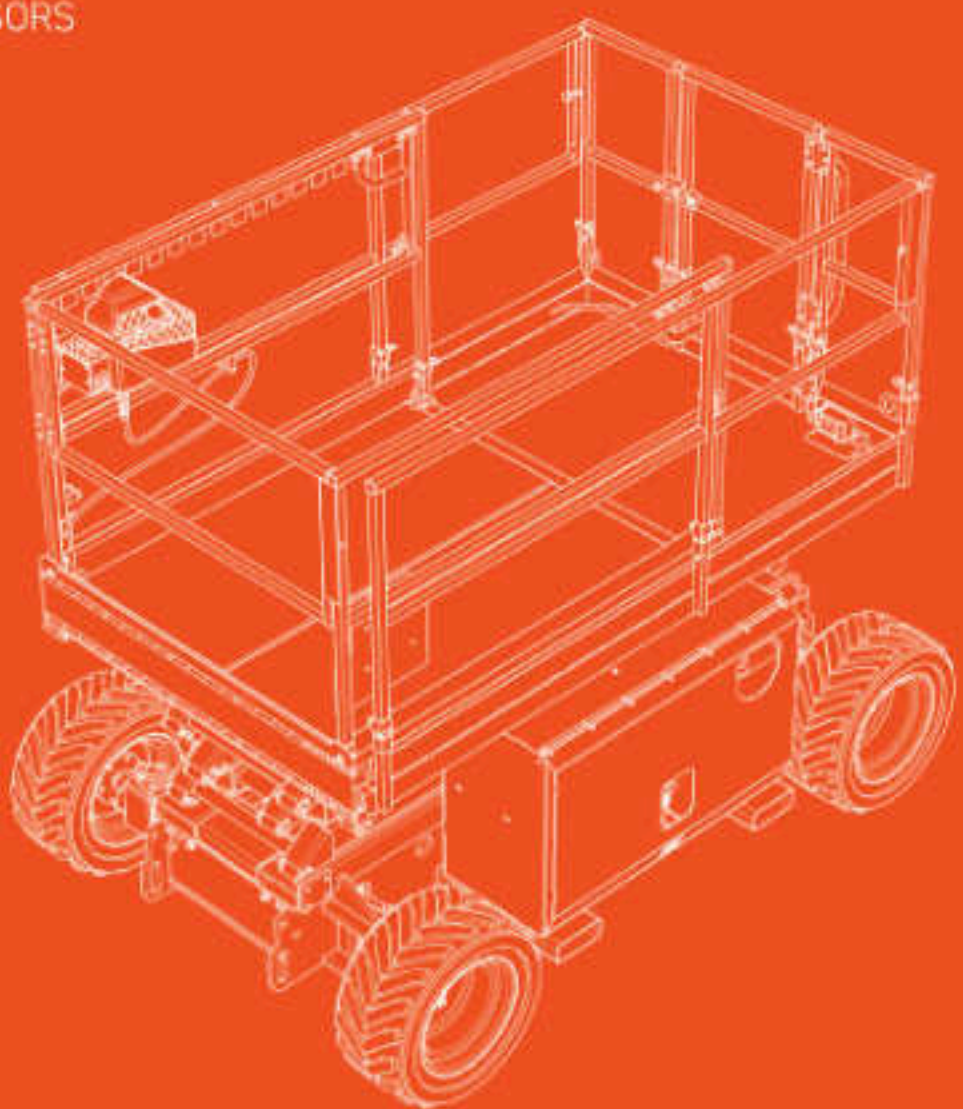
SKYJACK

SERVICE MANUAL

SJ6826 RT, SJ6832 RT

ROUGH TERRAIN SCISSORS



213560AFA
August 4 2026
ANSI/CSA, CE, AS, KC

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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 D972 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 D972			Unleaded Gasoline
Kubota WG752			

1431AC

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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Index No.	Skyjack Part No.	Qty.	Description
LS62	207009	1	LIMIT SWITCH (Front right outrigger retracted)
LS63	207009	1	LIMIT SWITCH (Rear right outrigger retracted)
LS64	207009	1	LIMIT SWITCH (Rear left outrigger retracted)
LS65	207008	1	LIMIT SWITCH (Front left outrigger extended)
LS66	207008	1	LIMIT SWITCH (Front right outrigger extended
LS67	207008	1	LIMIT SWITCH (Rear right outrigger extended)
LS68	207008	1	LIMIT SWITCH (Rear left outrigger extended)
OCM1	132804	1	MODULE, Outrigger auto-level control
OPS1	102838	1	SWITCH, Oil pressure
PCBOARD	152137	1	PCBORAD, Outrigger auto levelling
RST1	119629	1	RESISTOR, 2.7 kohm
S1	119726	1	SWITCH, Main power disconnect
S2	102853	1	BLOCK, N.O. contact (Up/down)
S3	-	1	SWITCH ASSEMBLY (Lift/Drive low/Drive)
	137793	1	• HEAD, Switch selector (3-Way)
	137788	1	• SWITCH ASSEMBLY (Base)
	137783	3	• • BLOCK, N.C. Contact
	137782	4	• • BLOCK, N.O. Contact
	137781	1	• • LATCH
S4	-	1	SWITCH ASSEMBLY (Emergency stop)
	137795	1	• SWITCH HEAD, Emergency Stop (Red)
	137790	1	• SWITCH ASSEMBLY (Base)
	137785	1	• • SWITCH, LED block (Red)
	137783	2	• • BLOCK, N.C. Contact
	137781	1	• • LATCH
S6	137790	1	SWITCH BASE ASSEMBLY (NC/LED, Red) (Base controls)
	137795	1	SWITCH ASSEMBLY (Emergency stop)
S7	159109	1	CONTROLLER ASSEMBLY (Drive/steer)
S7-1	122869	1	• SWITCH W/ACTUATOR, 2nd Speed
S7-2	122877	1	• SWITCH, Right steer
S7-3	122877	1	• SWITCH, Left steer
S7-4	122869	1	• SWITCH W/ACTUATOR, Reverse drive
S7-5	122869	1	• SWITCH W/ACTUATOR, Forward drive
S7-6	122869	1	• SWITCH W/ACTUATOR, 3rd Speed
S7-7	122872	1	• SWITCH, Joystick enable
S8	-	1	SWITCH ASSEMBLY (Horn)
	147058	1	• SWITCH HEAD, Push button (Black)
	147054	1	• • BLOCK, N.O. Spring contact
S9A	102853	1	SWITCH, Outrigger Enable
S9B	127132	1	SWITCH, Outrigger Enable
S910	133762	1	BLOCK, N.O. Contact (Platform/Idle/Base) (Base controls)

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Code	Description	Code	Description	Code	Description
	GP108 ERROR CODES		GP106 ERROR CODES		GP102 ERROR CODES
4/5	GP102 P3-6 SHORT TO 0V?				
4/6	GP106 P2-x FAILURE?			4/6	P3-6 SHORT TO SUPPLY?
		5/1	B+ SUPPLY TOO LOW	5/1	B+ SUPPLY TOO LOW
5/2	WAITING FOR B+ ON P4-9	5/2	CHECK OUTRIGGER SUPPLY (P4-9)	5/2	WAITING FOR B+ ON P2-12
5/2	WAITING FOR B+ ON P2-12			5/2	EMS INPUTS FAULTY!
5/4	UP/DOWN SELECT INPUTS ACTIVE TOGETHER	5/4	UP/DOWN SELECT INPUTS ACTIVE TOGETHER	5/4	UP/DOWN SELECT INPUTS ACTIVE TOGETHER
5/5	WAITING FOR NEUTRAL: LIFT/DRIVE	5/5	RELEASE OUTRIGGER DEMAND!	5/5	WAITING FOR NEUTRAL
5/5	FAULT: OUTPUTS!				
5/5	FAULT: GP106 OUTPUTS!				
5/5	FAULT: GP102 OUTPUTS!				
5/6	DRIVE/LIFT INPUTS FAULTY!			5/6	DRIVE/LIFT INPUTS FAULTY!
6/1	FAULT: CHECK HEIGHT1 SENSOR				
6/1	FAULT: CHECK HEIGHT2 SENSOR			6/1	HEIGHT NOT CALIBRATED
6/1	FAULT: CHECK HEIGHT SENSORS				
6/2	FAULT: CHECK PRESSURE SENSOR			6/2	LOAD NOT CALIBRATED
6/4	FAULT: CHECK ELEVATION SWITCH			6/4	INVALID LOAD - CHECK SENSORS
6/4	INVALID LOAD - CHECK SENSORS				
6/5	INVALID HEIGHT - CHECK SENSOR			6/5	INVALID HEIGHT - CHECK SENSOR
6/6	OVERLOAD FUNCTIONS DISABLED!	6/6	OUTRIGGERS MANUALLY CONTROLLED!	6/6	OVERLOAD FUNCTIONS DISABLED!
6/7	FACTORY OVERRIDE			6/7	FACTORY OVERRIDE
		7/2	FAULT: BAD HWFS		
		7/5	FAULT: BAD SLAVE MICRO		
		7/6	FAULT: HWFS STALLED!		
		7/7	STARTUP!		
		7/8	TESTING HWFS		
		8/1	FAULT: P2-5 FAULTY		
		8/2	FAULT: P2-6 FAULTY		
		8/3	FAULT: P2-8 STUCK ON		
		8/4	FAULT: P2-8 ALWAYS ON		
		8/5	FAULT: P2-8 ALWAYS OFF		
F/F	IDLE TIMEOUT ACTIVE!	F/F	MANUAL RECODE!		
F/F	CHECK GP106 CONNECTIONS!				
F/F	CHECK GP102 CONNECTIONS!				
F/F	FACTORY OVERRIDE				

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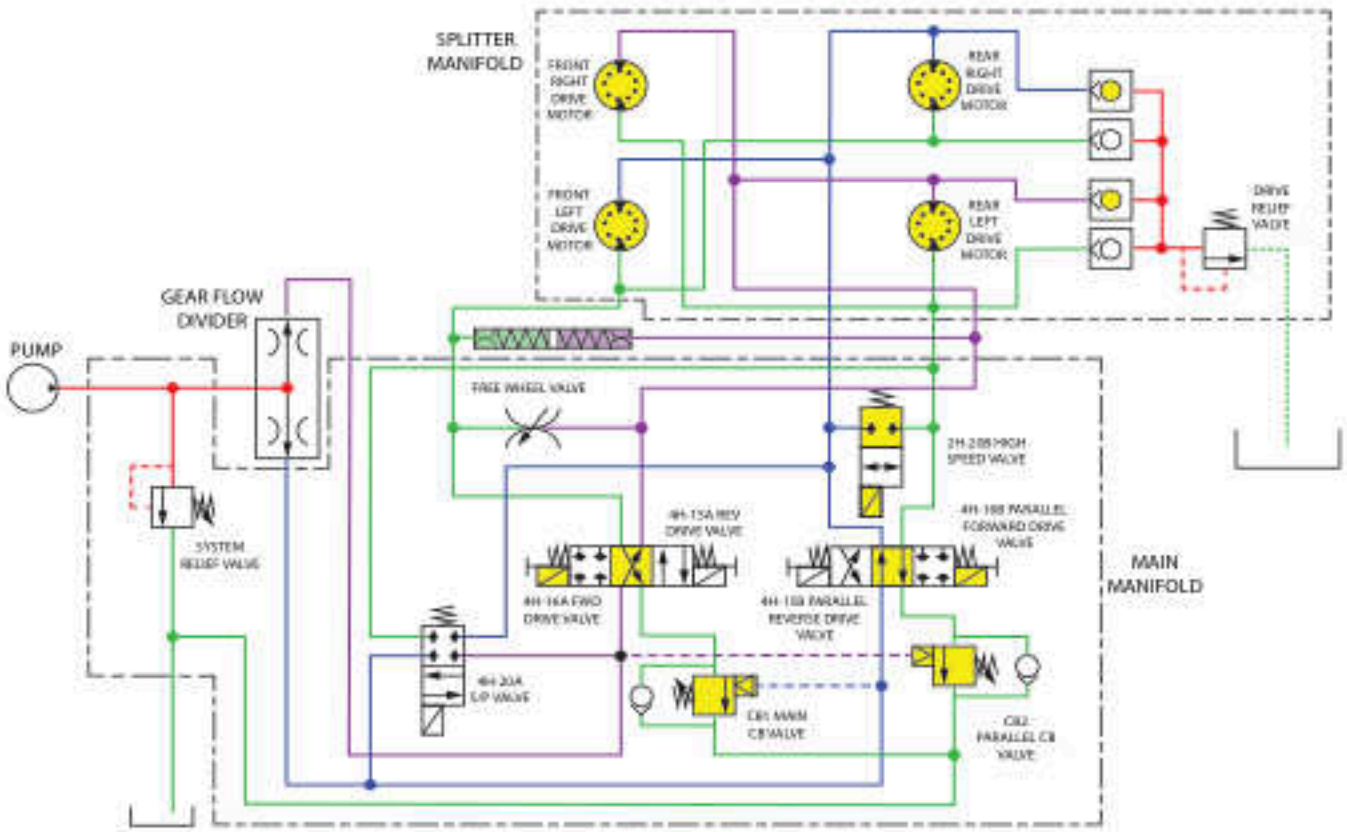
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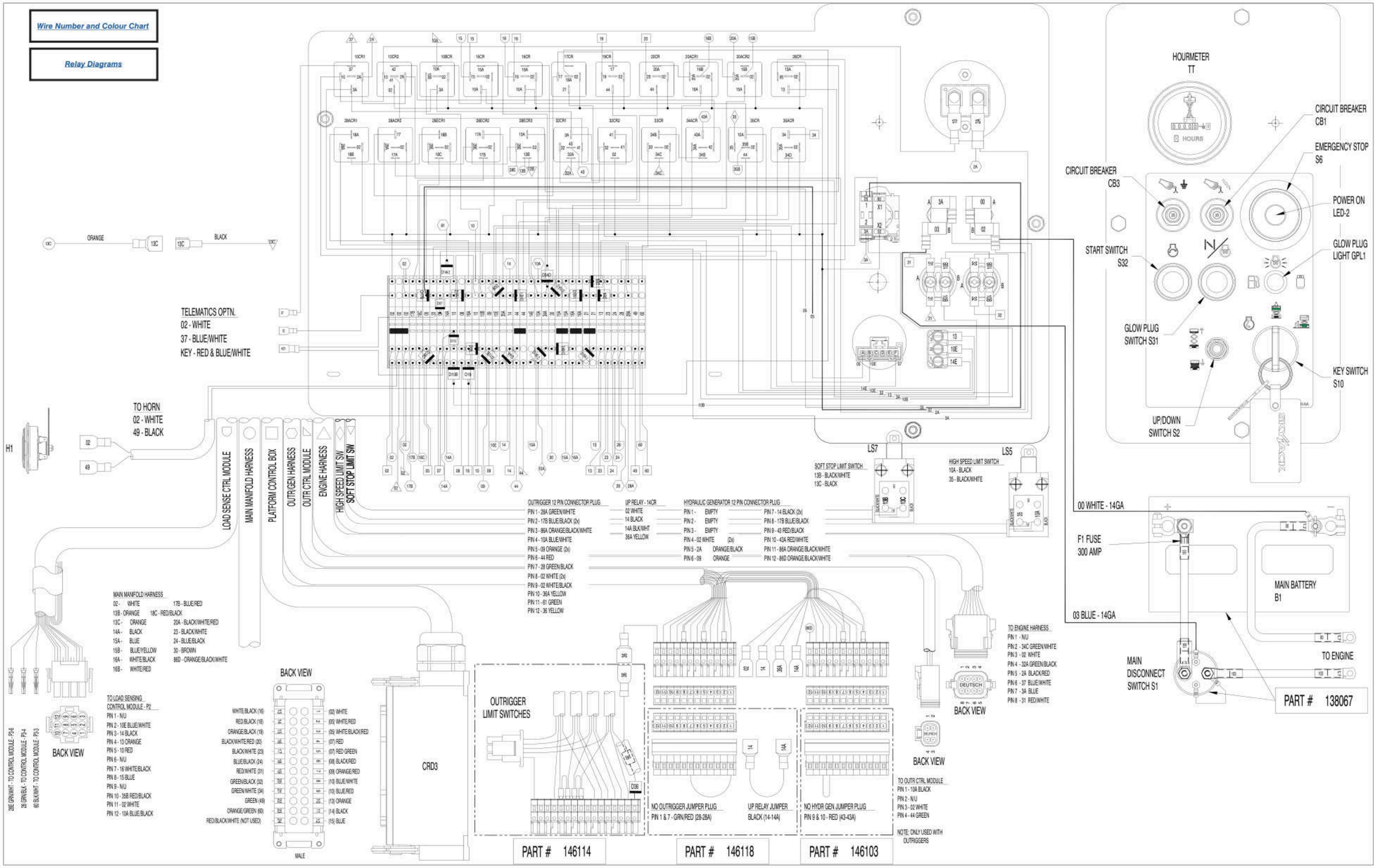
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5.6-5 Drive circuit operation

Drive circuit parallel (torque)



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