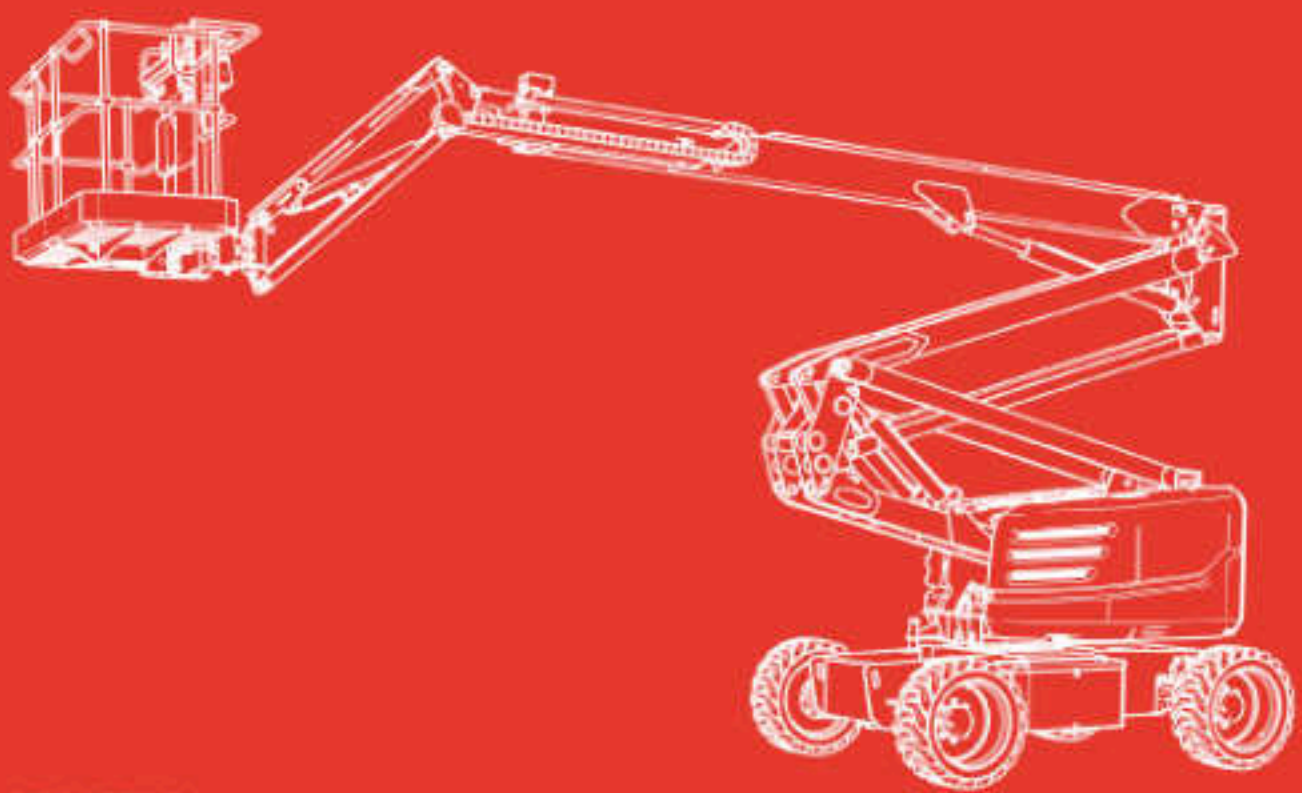
SKYJACK

SERVICE MANUAL

SJ60 AJHE+

ARTICULATING BOOMS



256677ACA
November 13 2025
ANSI/CSA, CE, AS

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2.10 Platform Capacities

		Regular Platform Capacity	Derated Platform Capacity
High-capacity zone	Capacity	454 kg	454 kg
	Maximum number of people	3	1
	Manual side force	400 N	200 N
Low-capacity zone	Capacity	300 kg	272 kg
	Maximum number of people	2	1
	Manual side force	400 N	200 N
Wind rating	-	12.5 m/s	12.5 m/s
Tilt cutout setting	side-to-side x front-to-back	5° x 5°	5° x 5°

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2.11 Fluids

Fluid	Temperature Range		Recommended Type
Hydraulic Oil	Standard	-26°C to 38°C	Petro-Canada ATF D3M, Shell ATF Donax TG, Shell Tellus T46, Renolin B 46 HVI
	Biodegradable	-29°C to 32°C	Shell Naturelle HF-E 46
Gear Oil	Standard/Cold	-29°C to 45°C	80W-90 API GL5
Engine Oil	Standard/Cold	-18°C to 45°C	Petro-Canada Duron-E 10W-30, Esso XD-3 Extra Premium Heavy Duty 10W-30
Coolant	Standard/Cold	-40°C to 45°C	Recochem 50/50 Premix (green) Bradol Anticongelante 50% Long Lifeazul (green)

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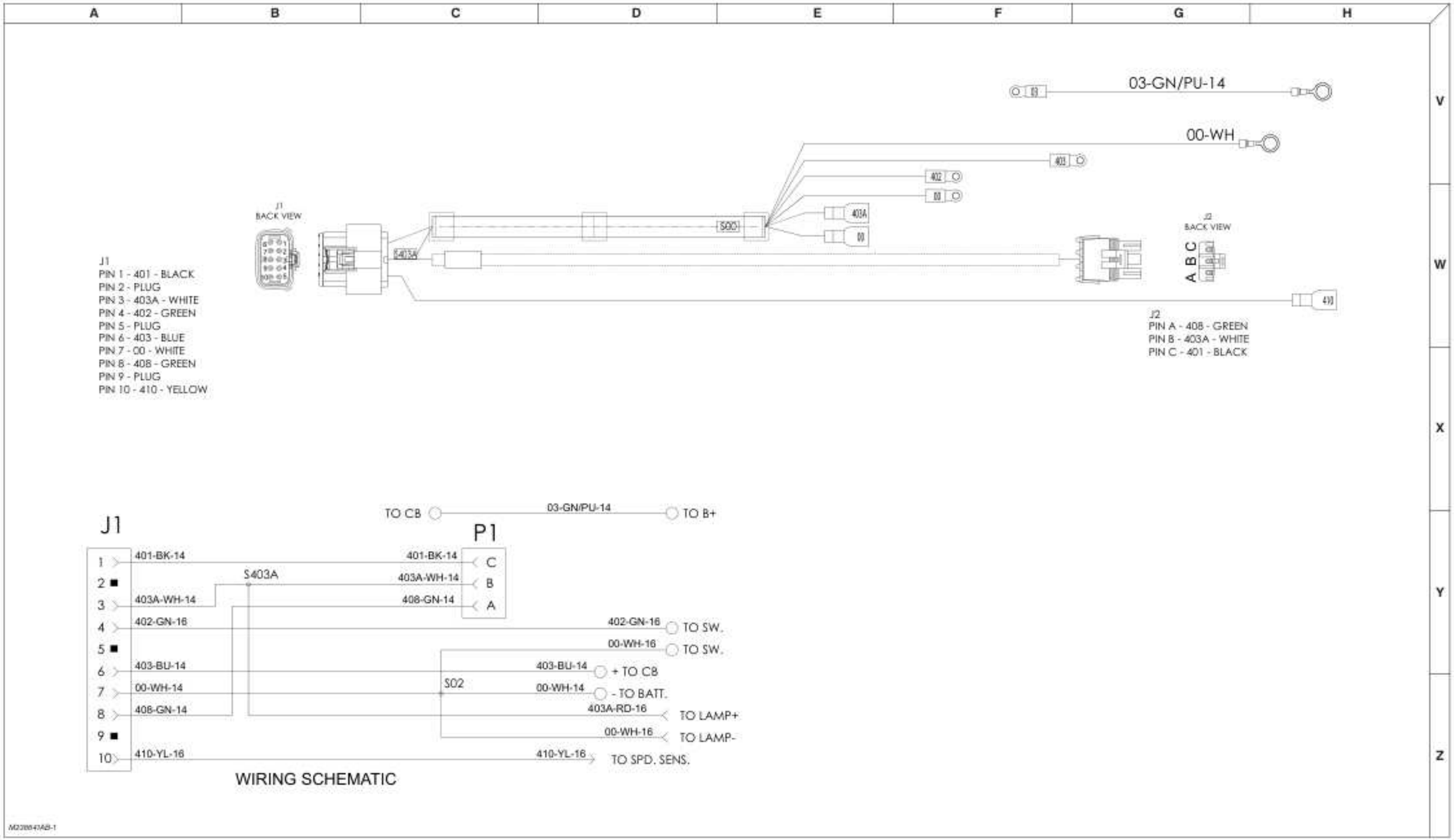
2.12 Engine

Kubota D902	
RPM Settings	Idle / Mid / High
Horsepower @ rpm (intermittent)	kW / hp
Fuel Type	Diesel
Fuel Tank Capacity	L
Lube Oil Sump Capacity	5.7 L
Coolant Capacity	3.7 L

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3.17 Positive Air Shut-off Harness



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5.11-5 Charger troubleshooting

The IC Series charger is continuously monitoring itself and its environment for unusual conditions. There are a few indications that may require the attention of the user.

Symptom	Recommended Action
No Indicator Lights	Check AC voltage and connection to wall power.
Only Blue AC Light On	Charger is connected to AC and is waiting for a battery to be connected, or for CAN remote control commands. Battery voltage must rise over 0.1V/cell before charging will begin. Some charging algorithms require a higher battery voltage to begin.
Solid Red Fault/Error Indicator	Read fault code (e.g., F-0-0-1) number on the Charge Algorithm/Error Display and refer to the fault code table.
Flashing Amber Fault/Error Indicator	Read error code (e.g., E-0-0-1) number on the Charge Algorithm/Error Display and refer to the error code table.

5.11-6 Charger fault codes

Fault Code	Description	Troubleshooting/Customer Actions
F-0-0-1	DC-DC Failure: LLC excessive leakage fault.	Internal charger fault. Disconnect AC and battery from charger for a minimum of 30 seconds. If it fails again, contact Skyjack service.
F-0-0-2	Power Factor Correction (PFC) Failure: PFC excessive leakage fault.	
F-0-0-3	PFC has taken too long to boost.	
F-0-0-4	The charger has been unable to calibrate the current offset.	
F-0-0-5	The voltage drop across the DC relay is too high while the relay is closed.	
F-0-0-6	Large difference between internal DC-DC and battery sense currents.	

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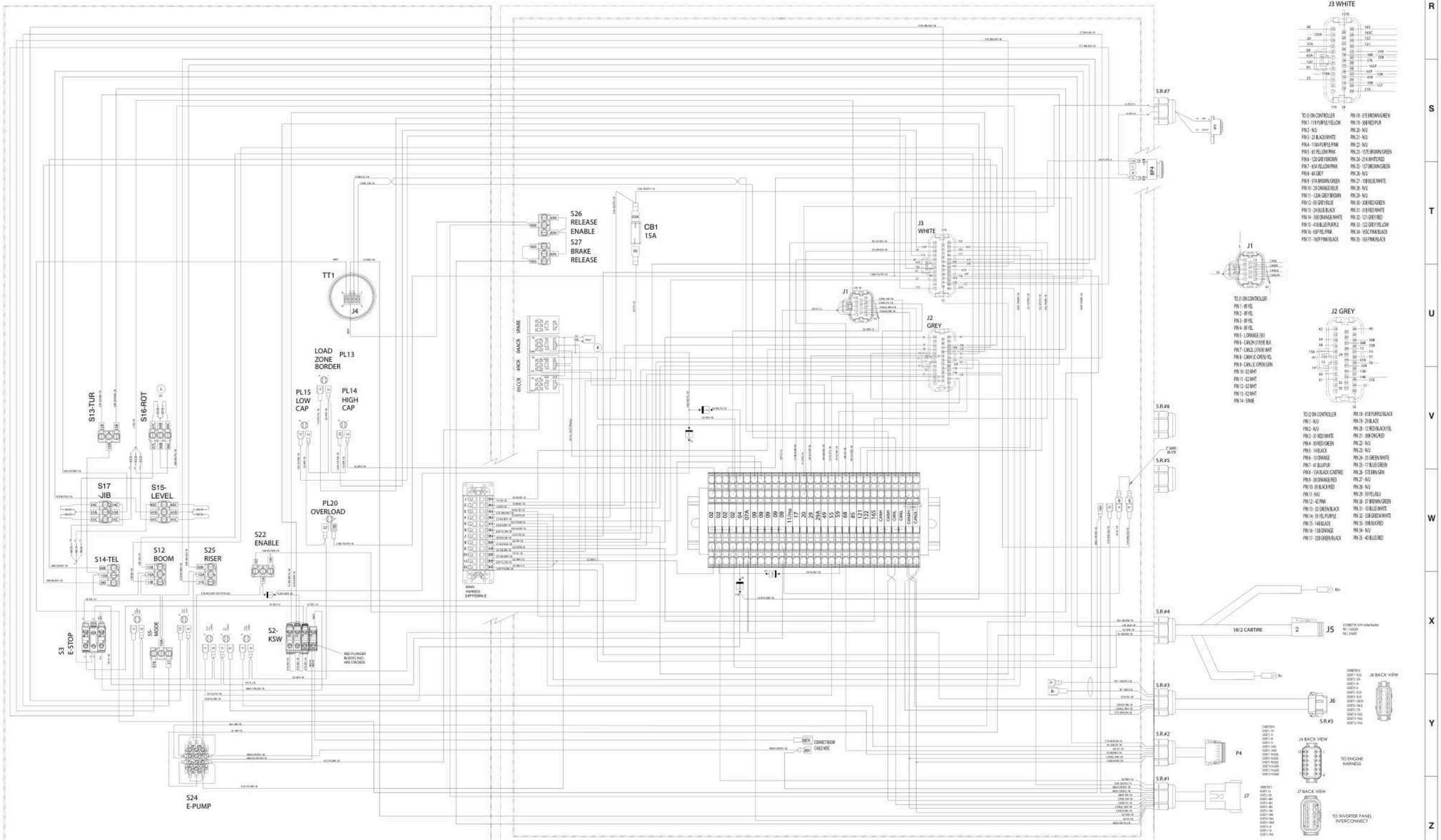
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O

Wire Number and Colour Chart

Relay diagrams



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