snorkel

AB80J
AB85J



SERVICE & MAINTENANCE MANUAL

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HARNESSES

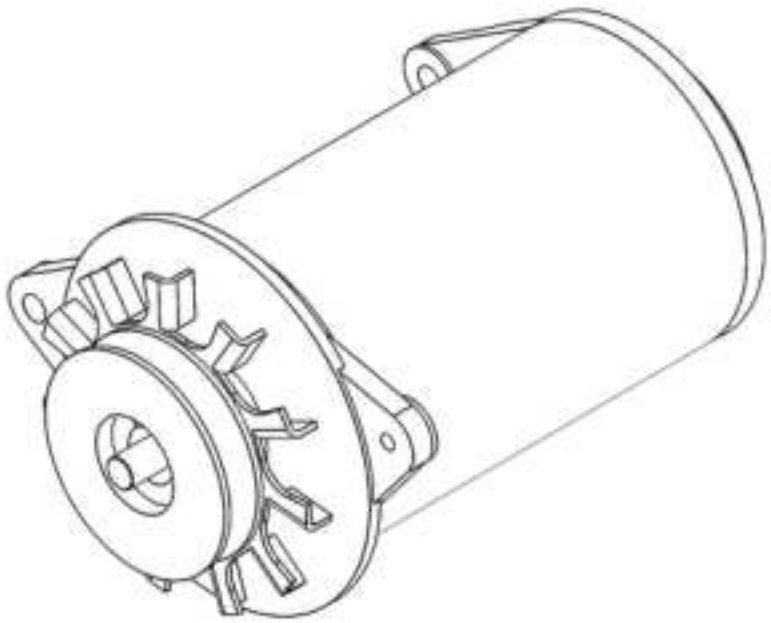
Turntable and Engine Harness
Kubota V2403 Turbo Diesel Engine
Pinout Legend

Wire #	Description	Color
1A	Power to Lower Controls	Red
1G	Charge Circuit	Red
3	Ground	Black
3C	Oil Pressure Switch N/C	Black
5A	Start Power to Start Relay	White
5B	Start Power From Ignition Switch	White
6A	Emergency Power to Solenoid	Red
7D	Glow Plug Signal	White
8D	Fuel Pump Solenoid	White
17	Drive Forward	White
18	Drive Reverse	White
19A	Steer Left	White
20A	Steer Right	White
21A	Riser Boom Down	White
22A	Riser Boom Up	White
23	Swing Counter Clockwise	White
24	Swing Clockwise	White
28B	Sense Line Dump Valve Signal	White
34	Power to Drive Range Coil	White
55A	Throttle Solenoid to Medium Throttle	Red
57	Starter to Ammeter	Red
70B	Signal to Riser Boom Switch	White
70C	Drive Speed Signal	White
73	Tilt Alarm Signal	White
74	Power to Horn	White
111A	Glow Plug Power	White
112	Glow Plug Circuit Breaker	White
112A	Glow Plug Circuit Breaker	White
126	Engine Alarm	White
127	Oil Pressure Signal	White
139	Power to Circuit Board	White
164	Run Power to Temperature	Red
164A	Run Power to Alternator	White
170	2 Wheel Drive Signal	White
176	Shutdown Solenoid -Crank	White
190	Coordinated Steer	White
191	Crab Steer	White
1D	Auxiliary Power	White
SP1	Spare	White
SP2	Spare	White

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2KW BELT DRIVEN GENERATOR

Troubleshooting



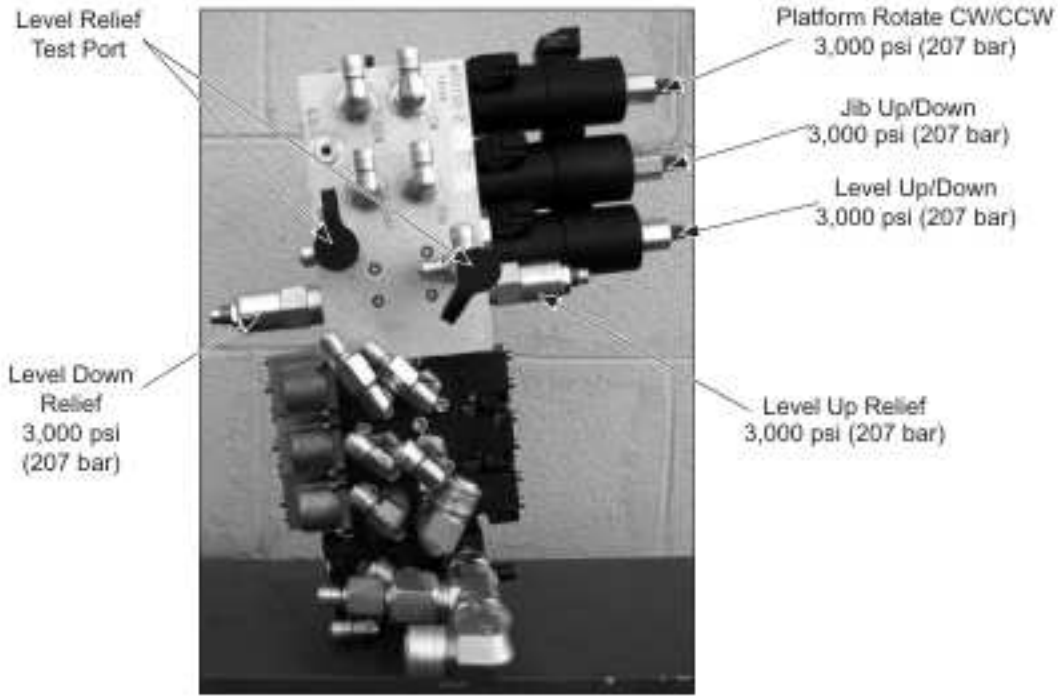
Problem	Possible Cause	Remedy
No Voltage Output	Brushes Worn	Replace Brushes
	Power Switch Defective	Replace Switch
	Defective Receptacle	Replace Receptacle
Unstable Voltage	Loose Connection	Check Connections
	Loose Belt	Check Belt Tension
Noisy Generator	Defective Bearing	Replace Bearing
	Broken Fan	Replace Fan
	Belt Worn	Replace Belt
	Broken Mount or Bolt	Inspect or Replace
Will Not Hold Load	Load exceeds Rating	Reduce Load
	Loose Or Worn Belt	Tighten or Replace

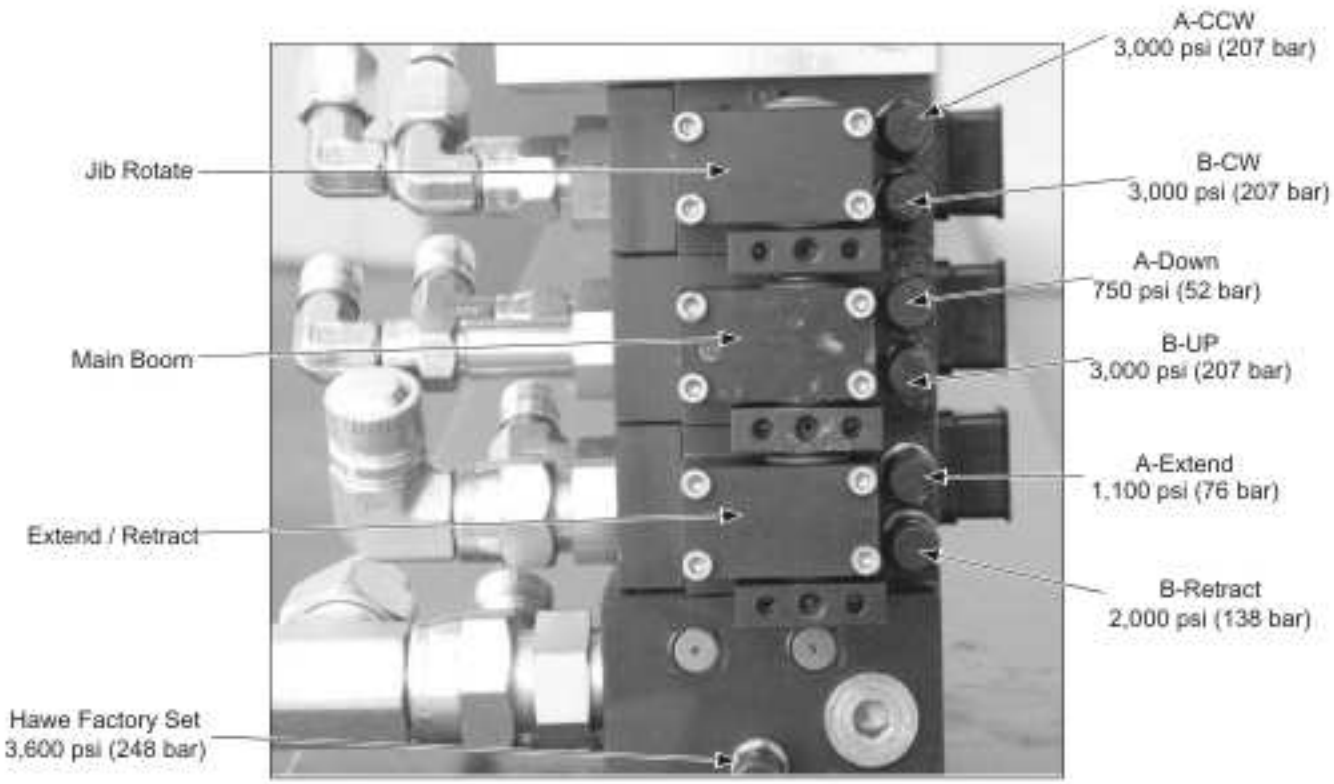
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PRESSURE ADJUSTMENTS

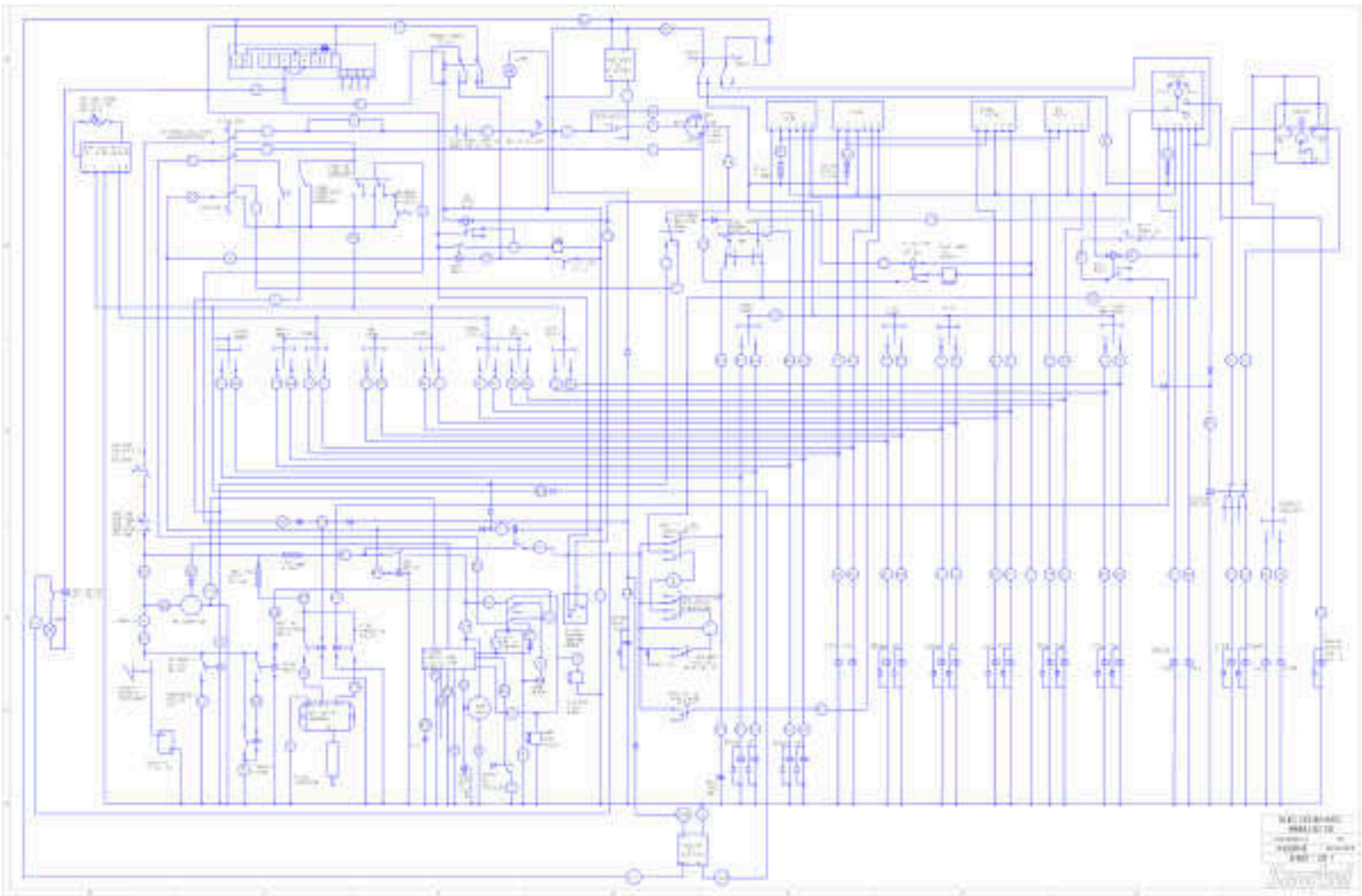
Main Boom Hydraulic

All pressures are read from the system pressure test port located on the pump.
See page 178.

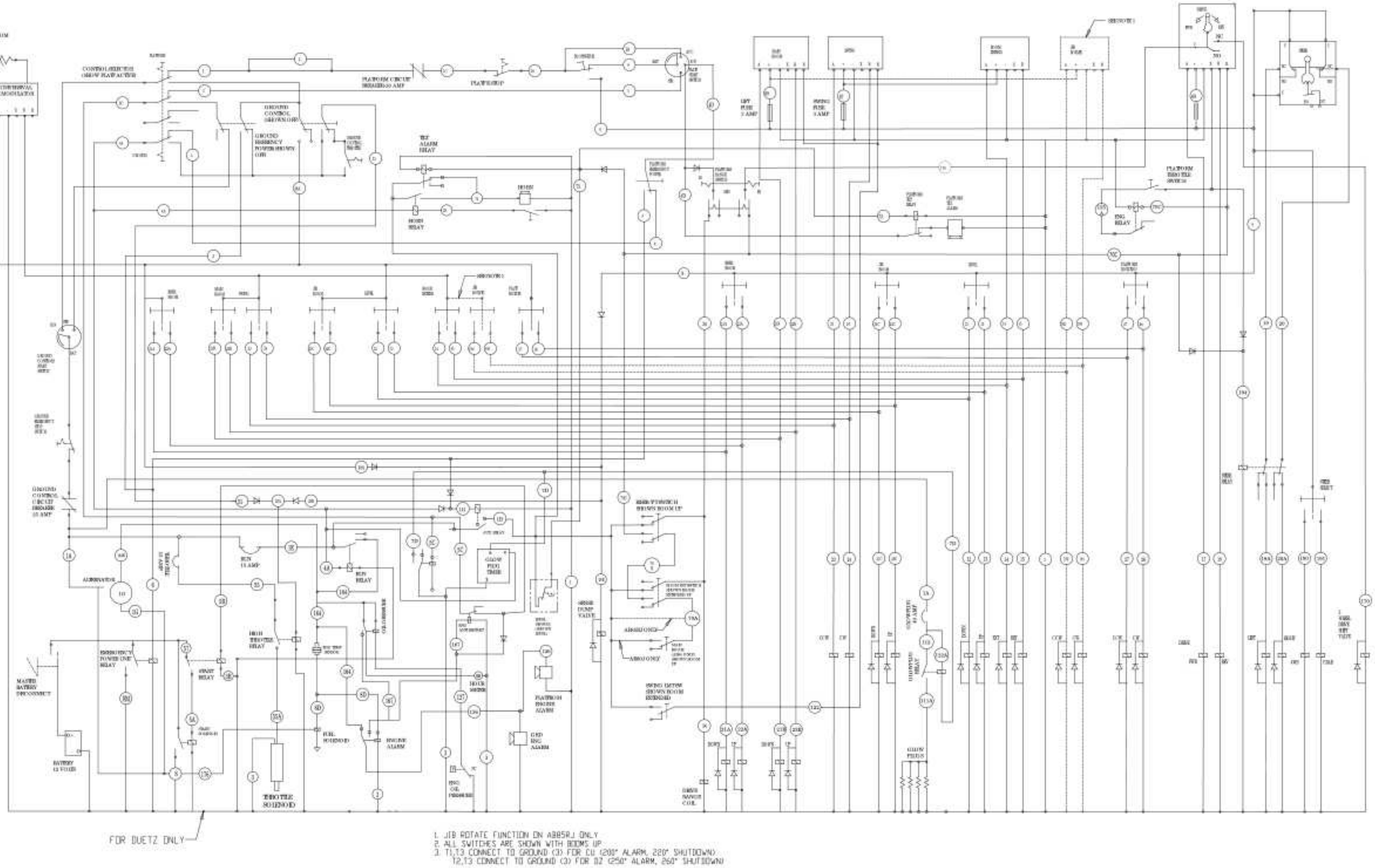




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