

CBMW Mixer

Electrical Operations Manual



for

Conventional Mixers

Continental Mixer, Electrical Section

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ELECTRICAL SYSTEM TROUBLESHOOTING GUIDE

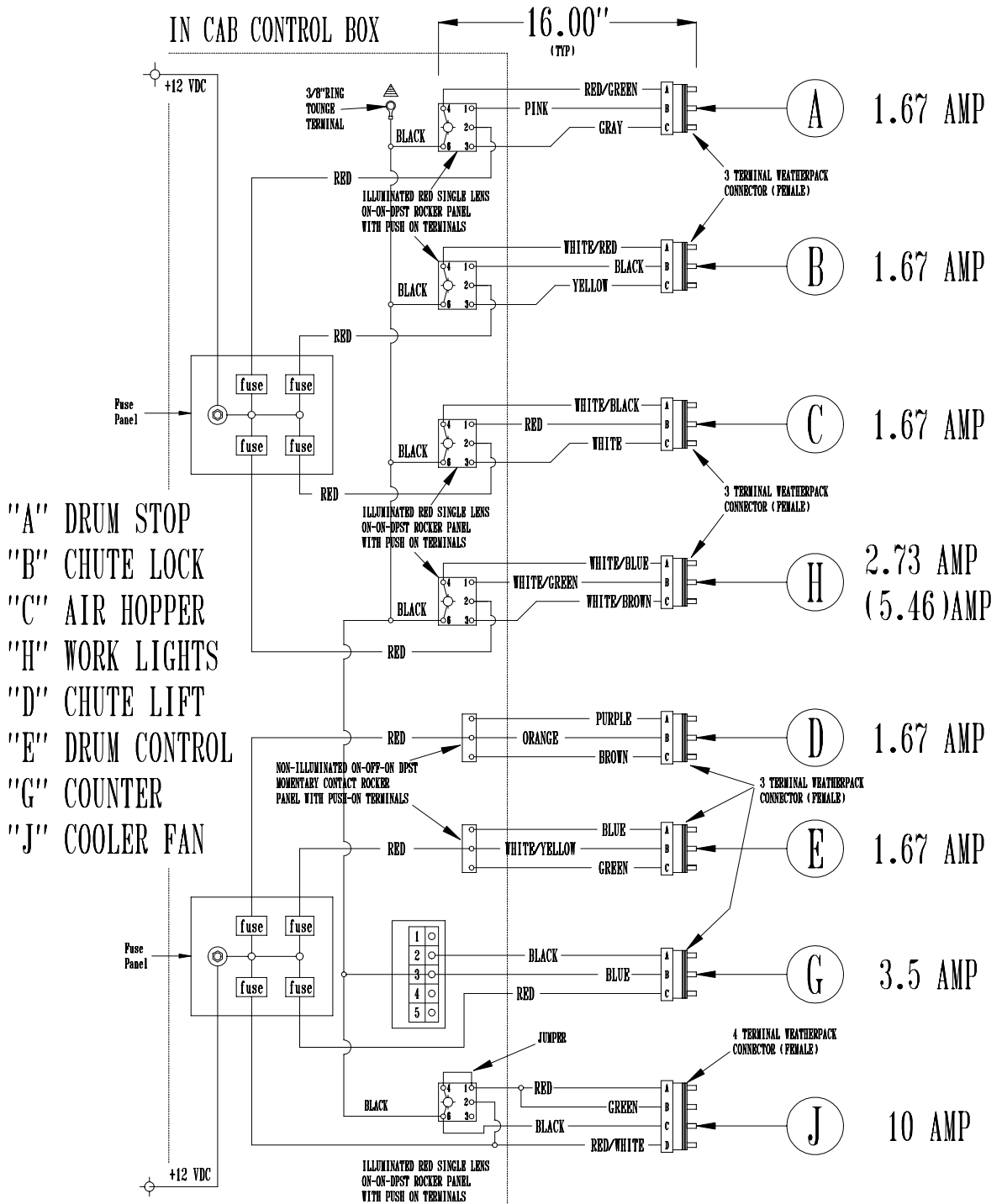
Symptom	Cause	Remedy
All mixer electrical functions not working	1) no power to in cab control box	Main power lead could have a loose connection on either end.
		Check fuse that leads to the main power lead that is supplied on the keyed ignition side.
Individual circuit not working	1) Mixer function not working	Check for a blown fuse, replace if necessary.
		Check for loose ground connection.
		Check for power to switch circuit.
		If an electrical coil operates a function, check the Ohm's. It should register 7.0 or higher.
		Check for corroded plug connectors.
Electrical circuit keeps blowing fuses	1) either in cab or rear switch is defective.	Do a continuity test on switch terminals, replace if necessary.
	2) Electrical coil could have shorted out	Check the Ohm's of the coil. It should register 7.0 Ohm's or higher.
	3) A bare spot on the positive or hot lead is touching a grounded surface.	Unplug main harness running from the in cab control box to the rear of mixer. Operate function, if fuse blows, the problem is in the control box.
		Unplug main harness running from the in cab to control box to rear of mixer. Operate function, if fuse does not blow, the problem could be in the frame section or rear control harness.
		Continued on next page

ELECTRICAL SYSTEM TROUBLESHOOTING GUIDE

Symptom	Cause	Remedy
Electrical circuit keeps blowing fuses	3) A bare spot on the positive or hot lead is touching a grounded surface	Unplug main harness running to the rear of mixer from the rear controls and operate the function inside of cab, if fuse blows it could be the center section has a shot in the center section of the harness
	4) A bare spot on the positive or hot lead is touching a grounded surface	Unplug main harness running to the rear of mixer from the rear controls and operate the function inside of cab, if fuse does not blow there could be a short in the rear mixer section of the mixer controls.

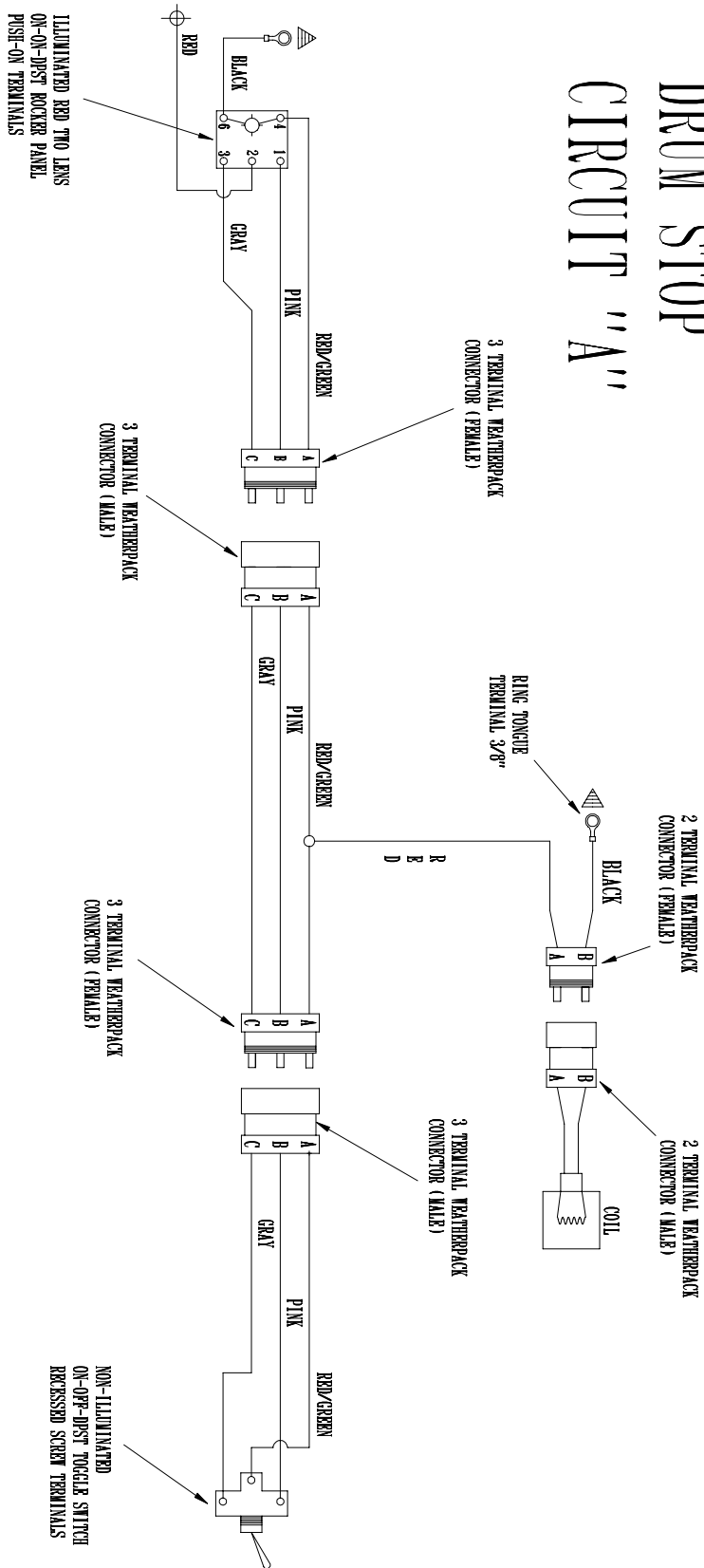
Mixer Electrical Functions

The following drawings and diagrams are only for mixer functions and operations only.

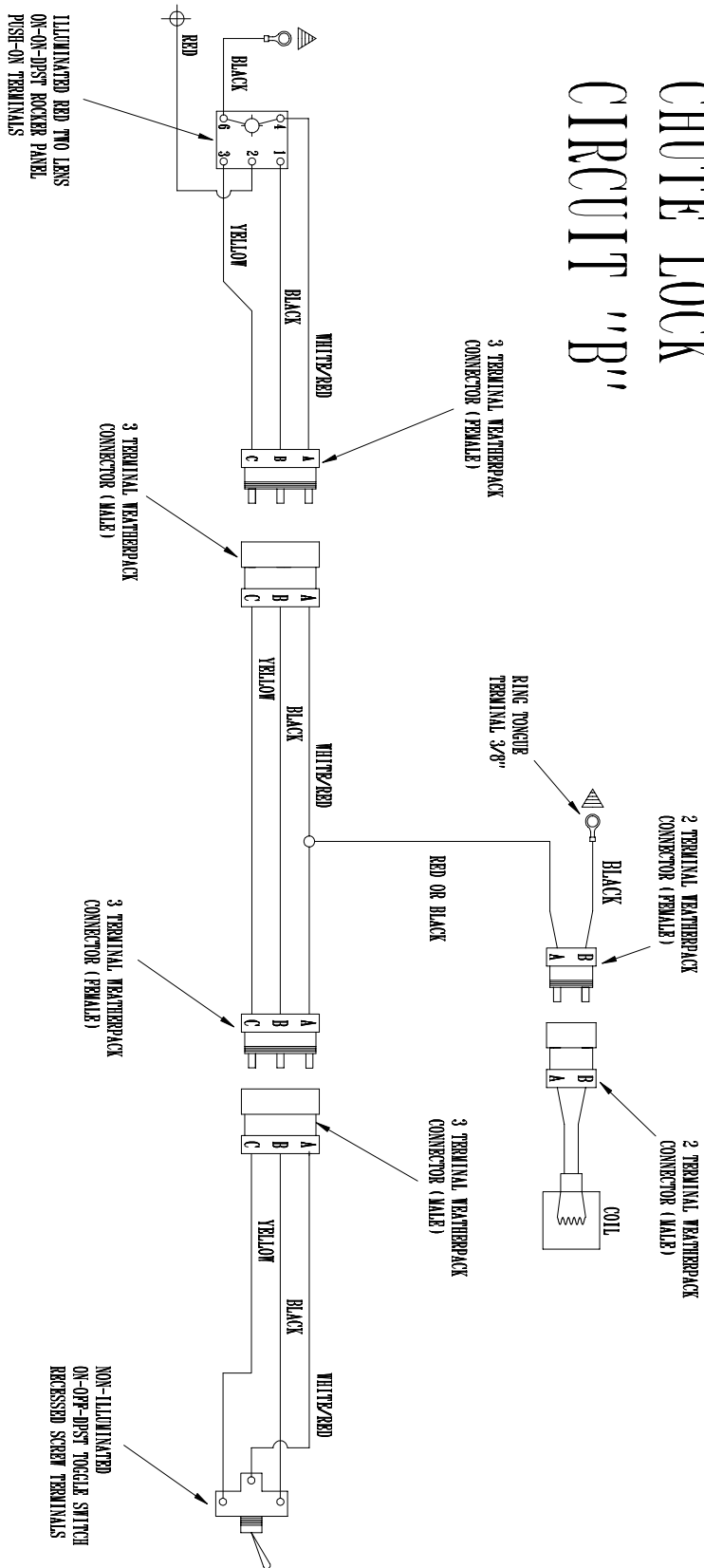


WIRE-99B

90400311 DRUM STOP CIRCUIT "A"

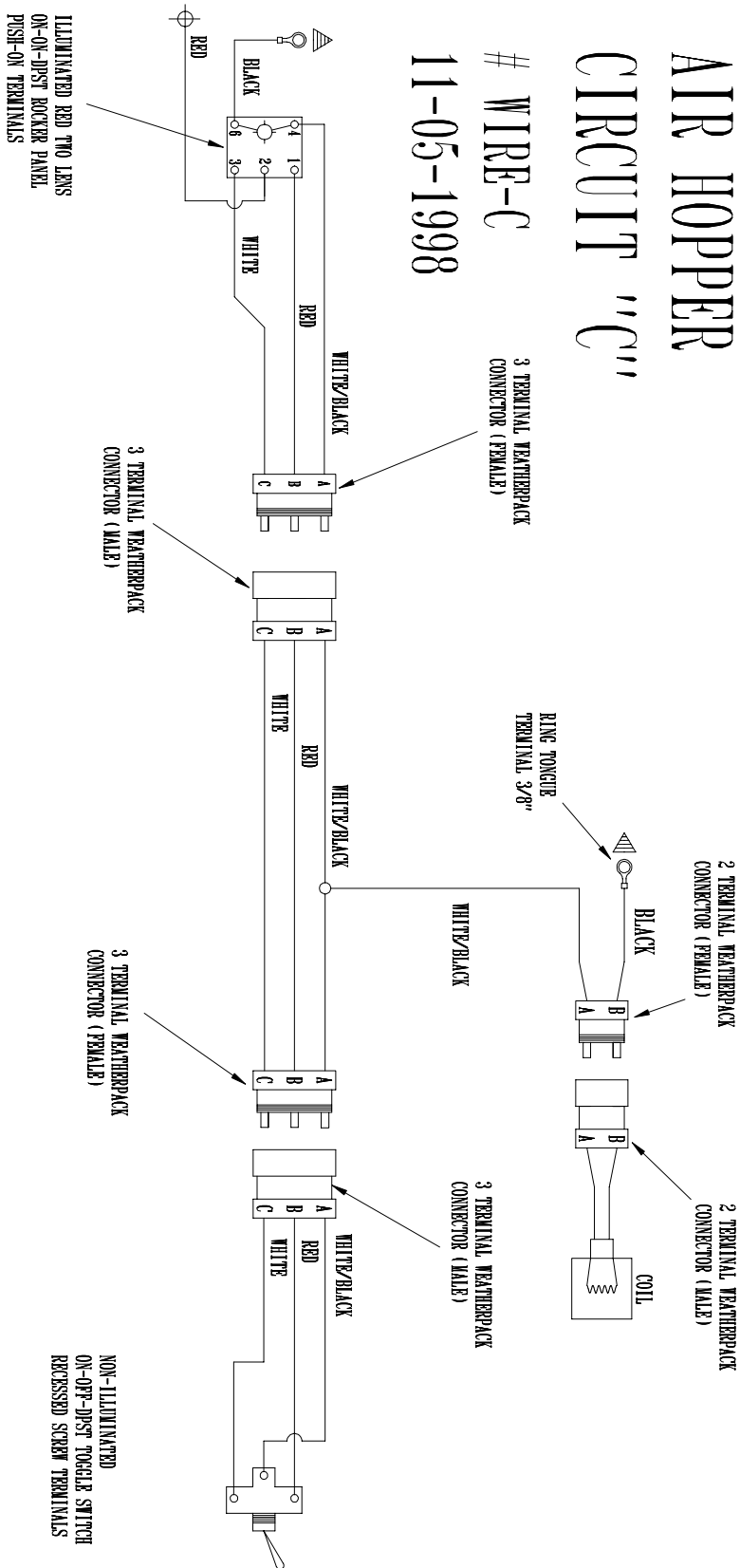


90400312 CHUTE LOCK CIRCUIT "B"

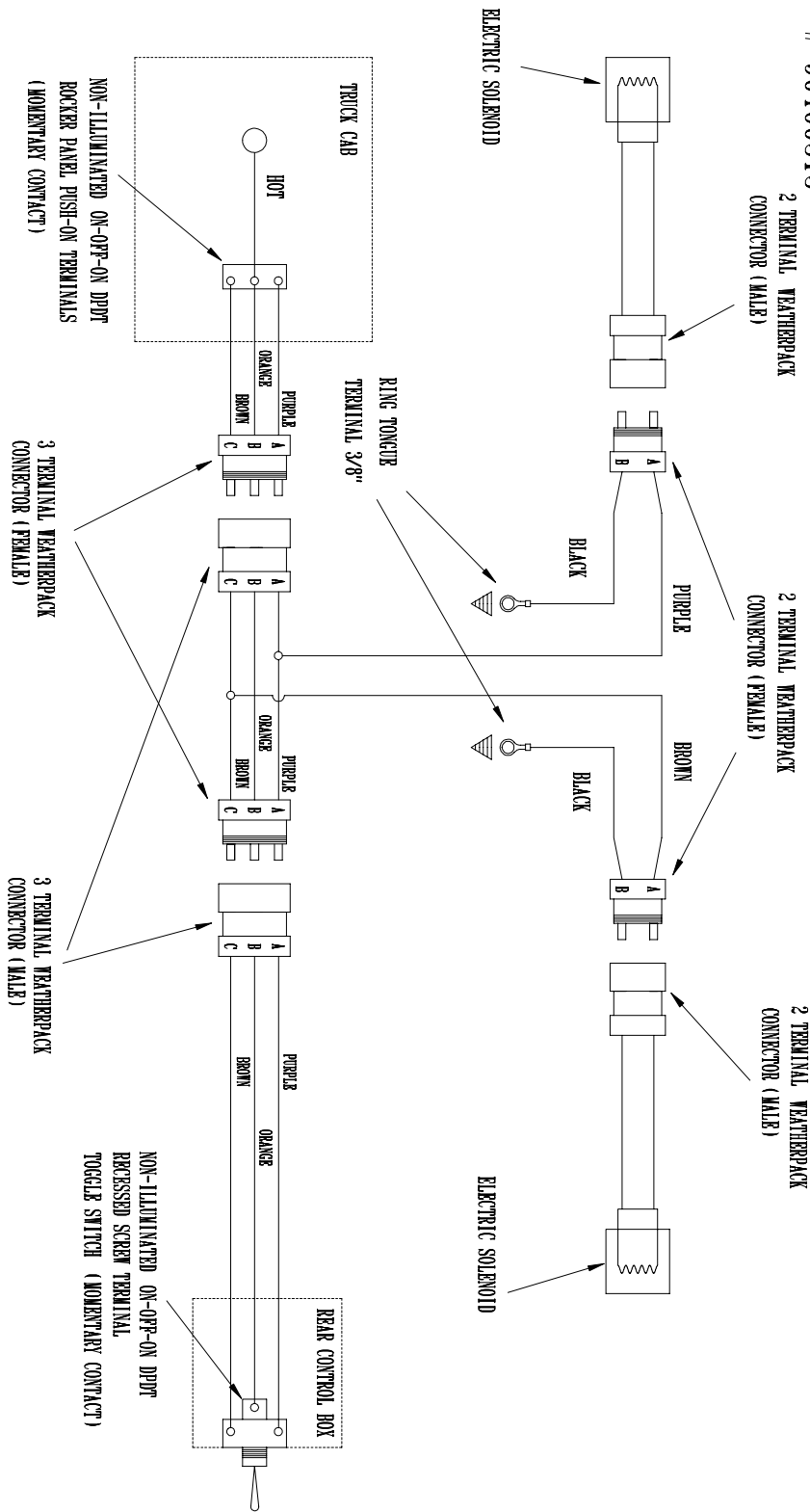


90400316 AIR HOPPER CIRCUIT "C"

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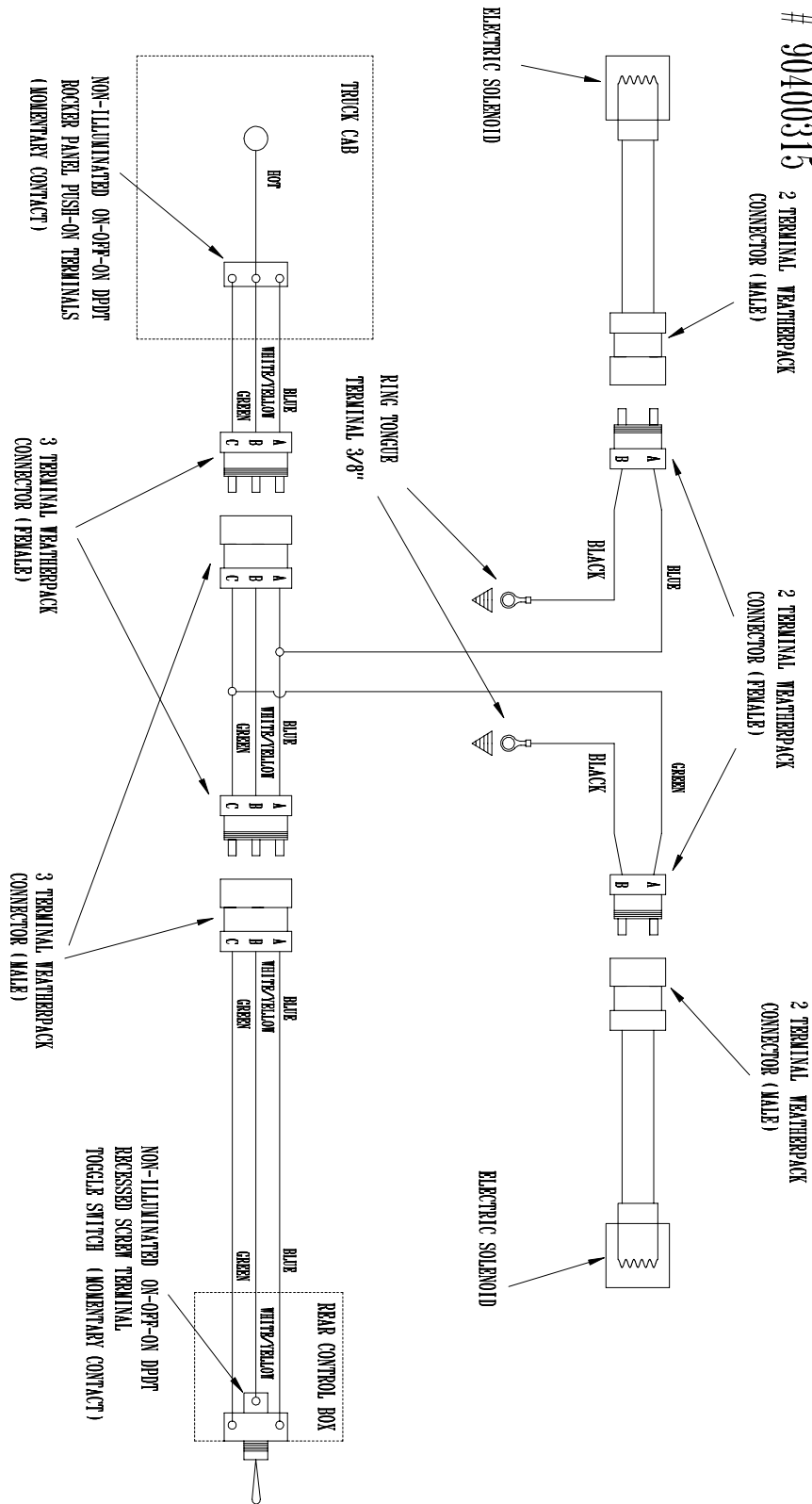


CHUTE HOIST
CIRCUIT "D"
90400313



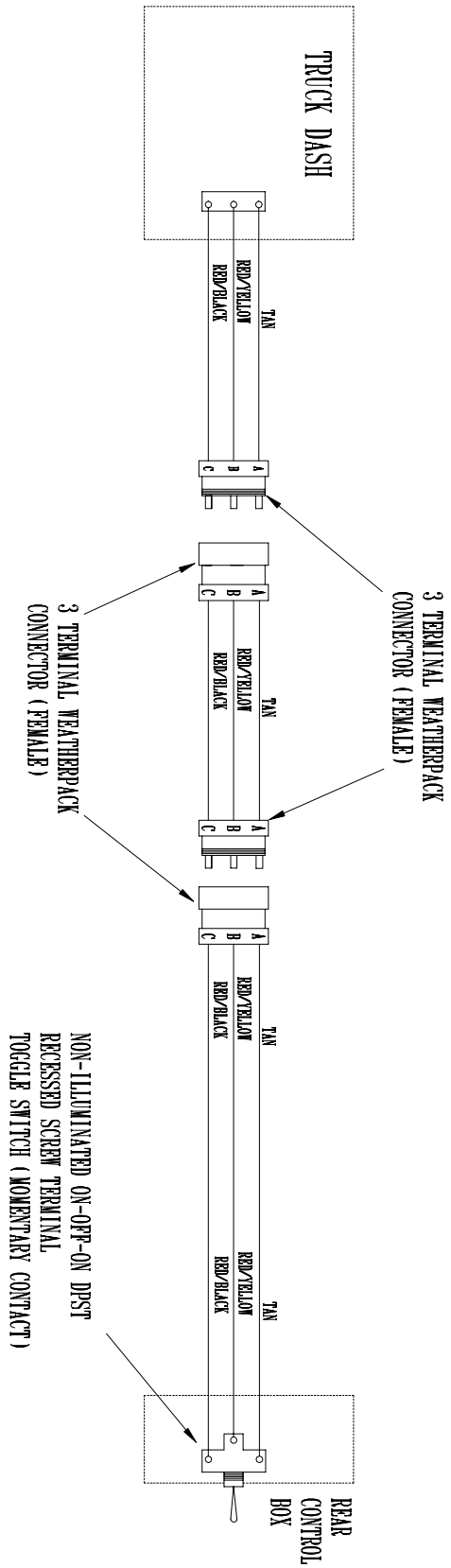
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**DRUM CONTROL
CIRCUIT "E"**
90400315



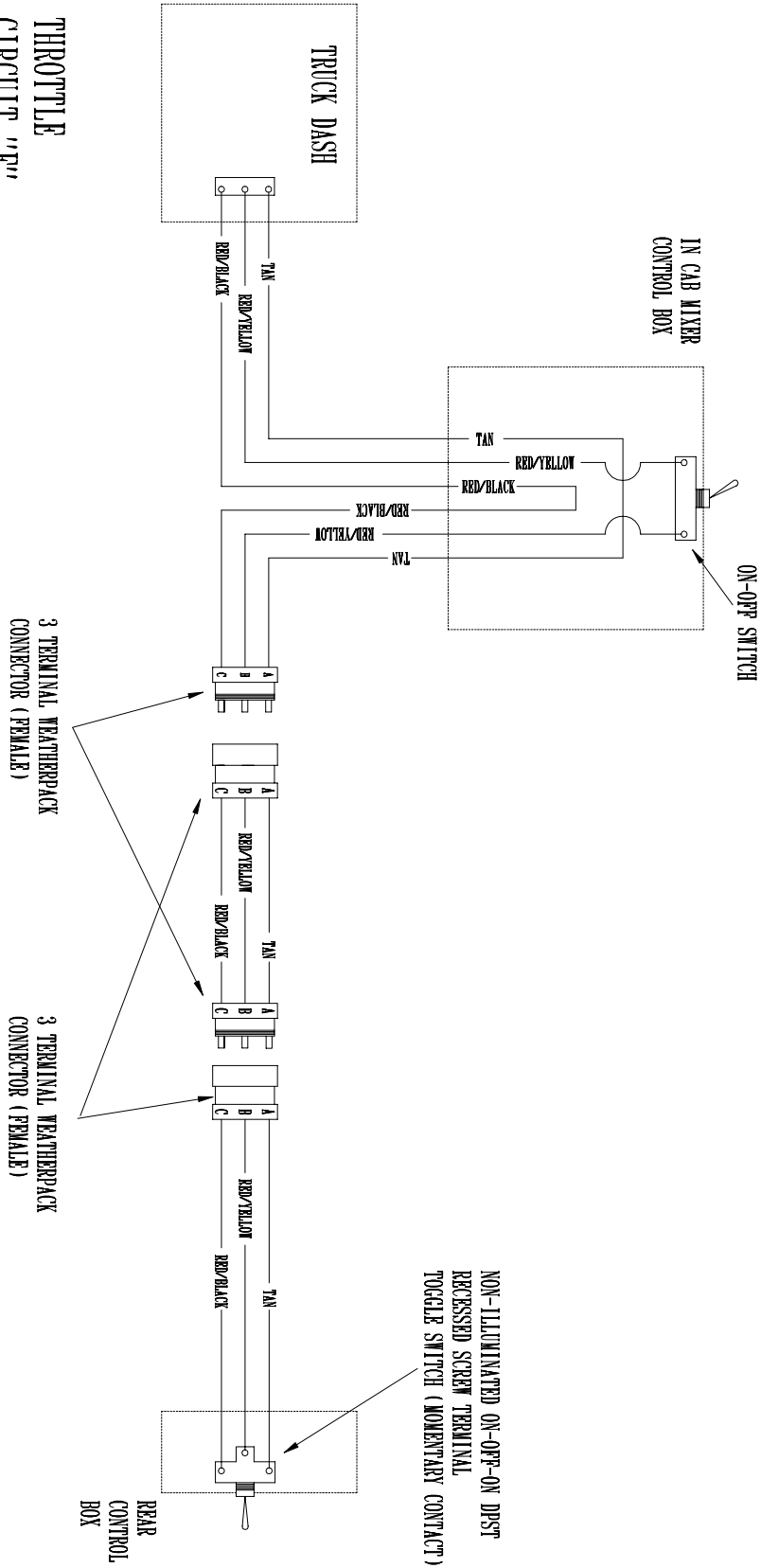
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THROTTLE
CIRCUIT "F"
90400314

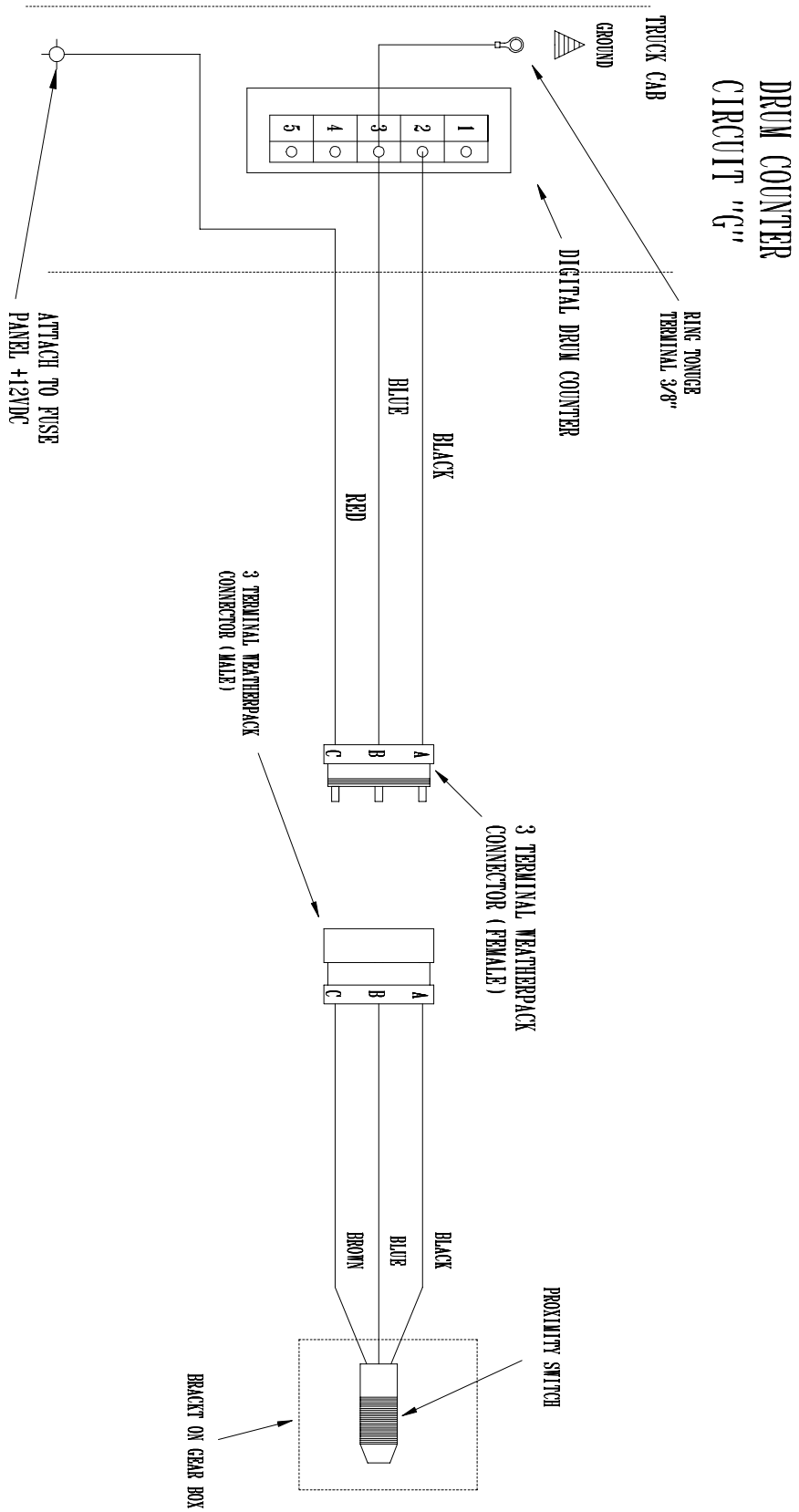


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THROTTLE
CIRCUIT "F"
90400314

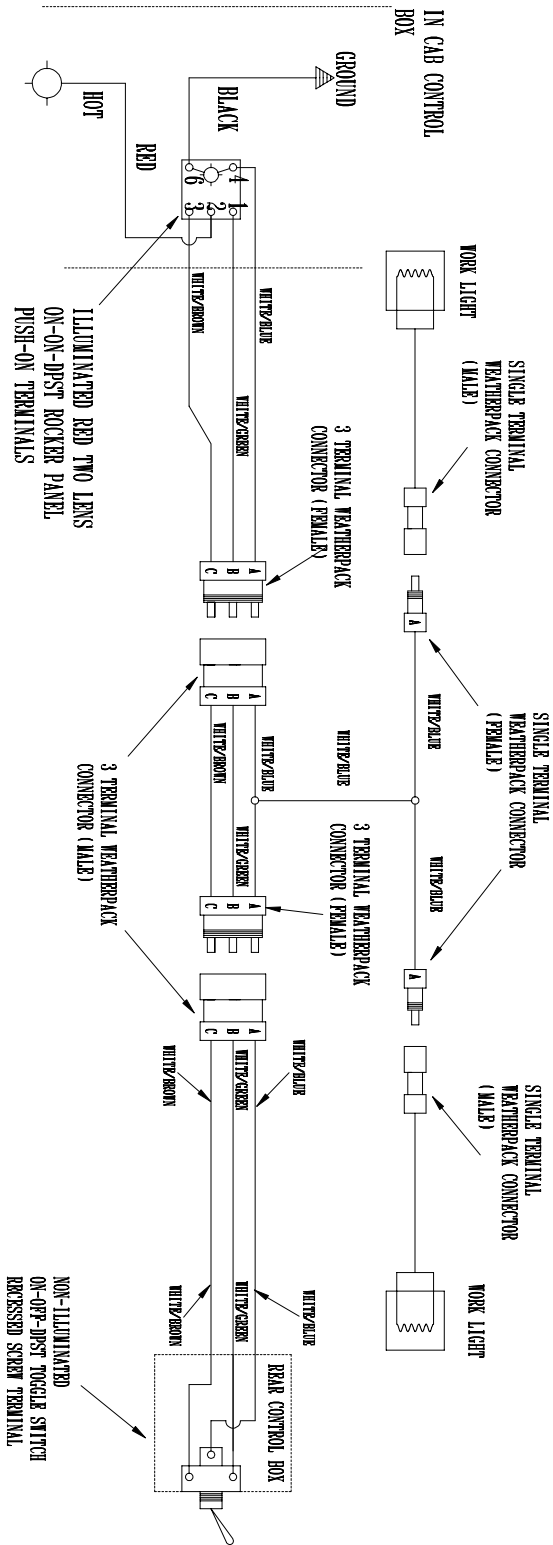


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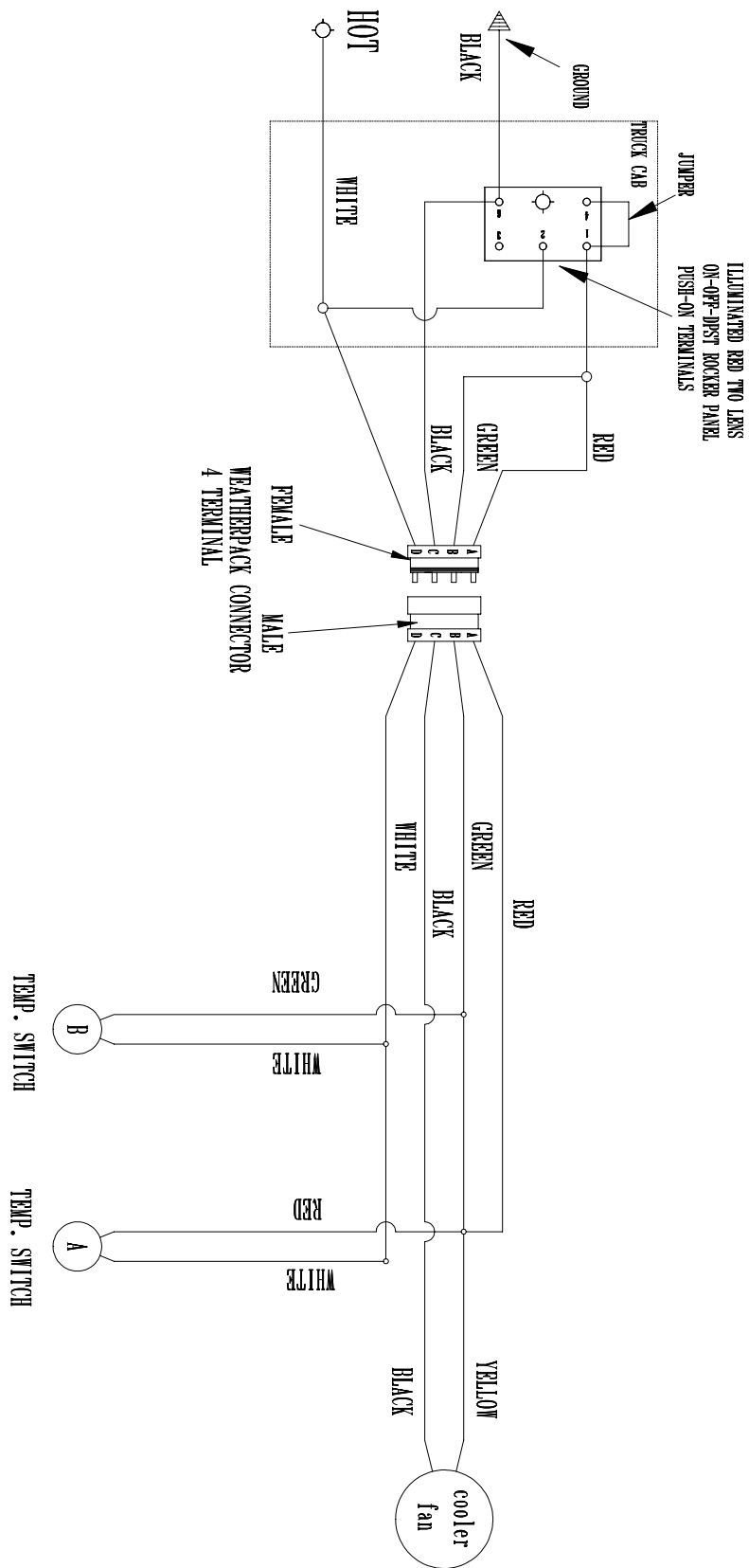
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WORK LIGHTS CIRCUIT "H"



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COOLER FAN
CIRCUIT "J"



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