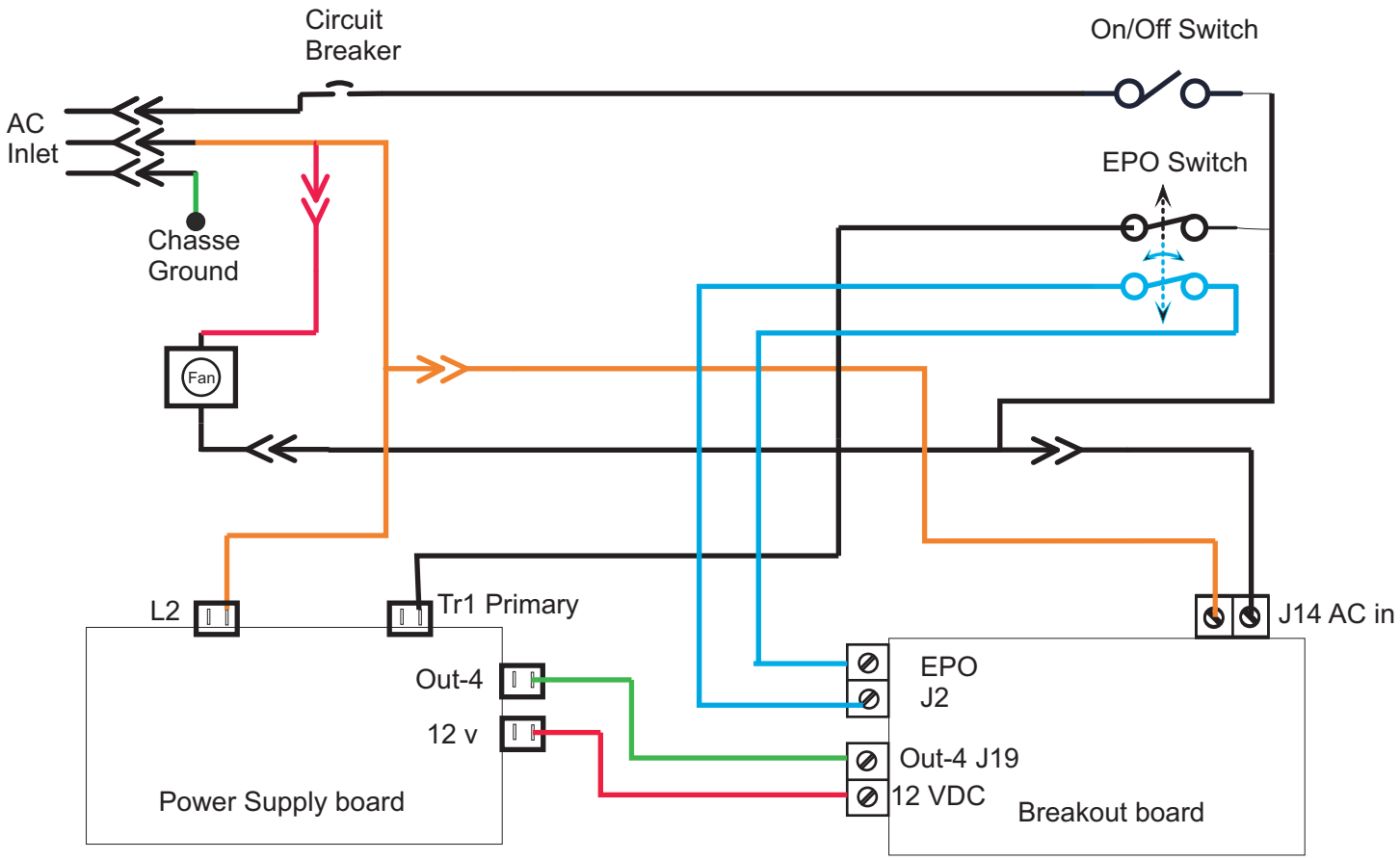
Main AC Wiring

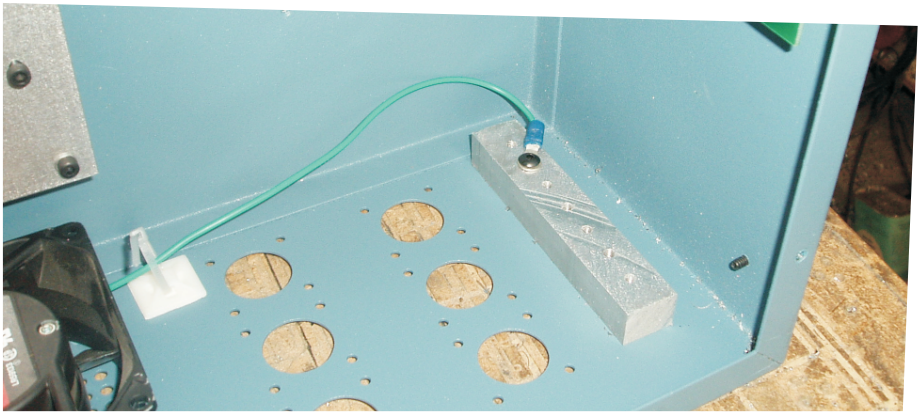


Wiring the AC Power

The power wiring starts with the wiring of the input AC connector. The ground wire (green) runs to the ground (common) bus bar.

One of the AC input lines goes to the circuit breaker (black wire). From the circuit breaker it will go to one side of the on/off switch. From the other side of the on/off switch it will come back to power the fan and the breakout board. A second wire will come off the on/off switch and connect to the EPO switch.

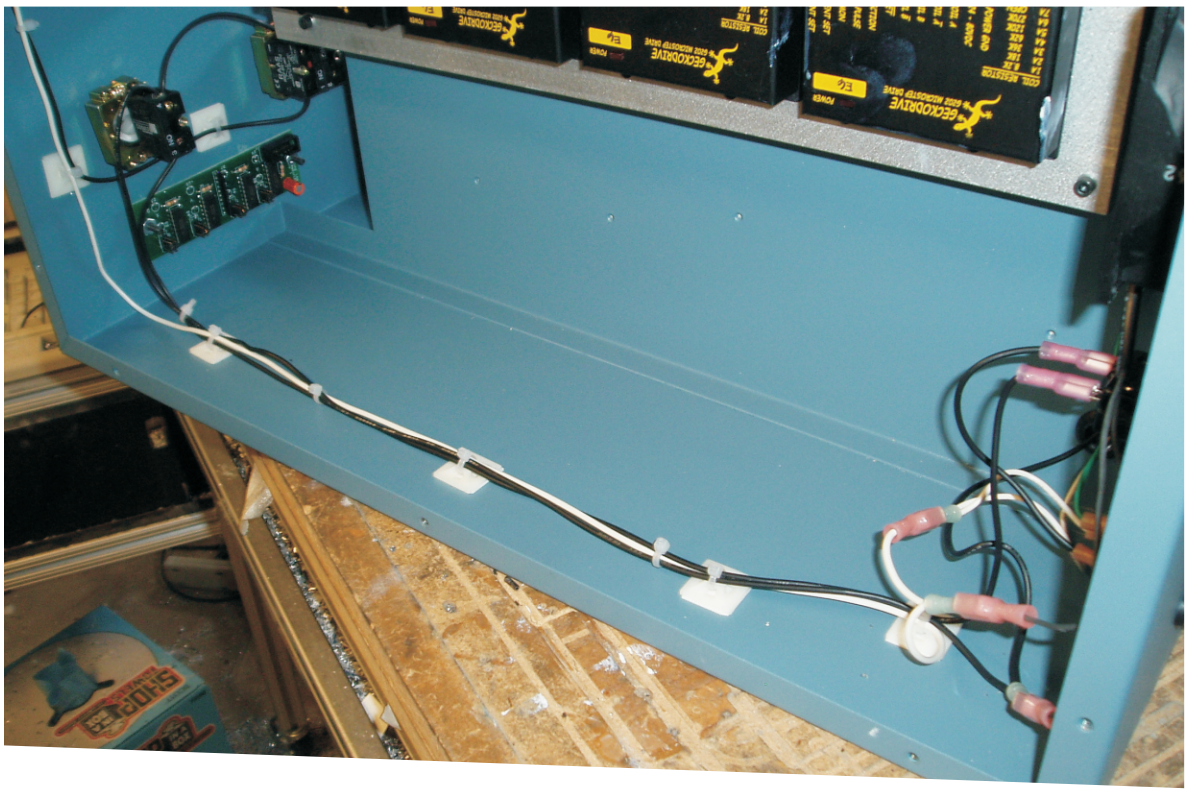
NOTE: You will want the fan and breakout board to have power whenever the on/off switch is on. The EPO switch will only kill power to the power supply.



Wiring the AC Power
Continued

The picture below shows the AC wiring going from the AC connector over to the on/off switch and then a black wire is connected to the other side of the on/off switch and comes back to power the fan and breakout board.

The wiring is at the top of the case to make the wiring neater.



Wiring the AC Power
Continued

This is another look at the wires to the on/off switch and the connection to the EPO switch.

NOTE: The EPO switch has two sets of contacts. One is used for the connection to the power supply and the other one will be connected to the breakout board.

The second black wire coming off the on/off switch goes to the EPO switch and then to the power supply board.

Wiring the AC Power
Continued

The picture below shows the AC power wiring to the power supply board.

NOTE where the black wires goes. It connects to the PRI connection which is connected to the relay. Later when the relay is wired, the relay will switch the primary power to the transformer.

The white wire goes to the terminal labeled L2.