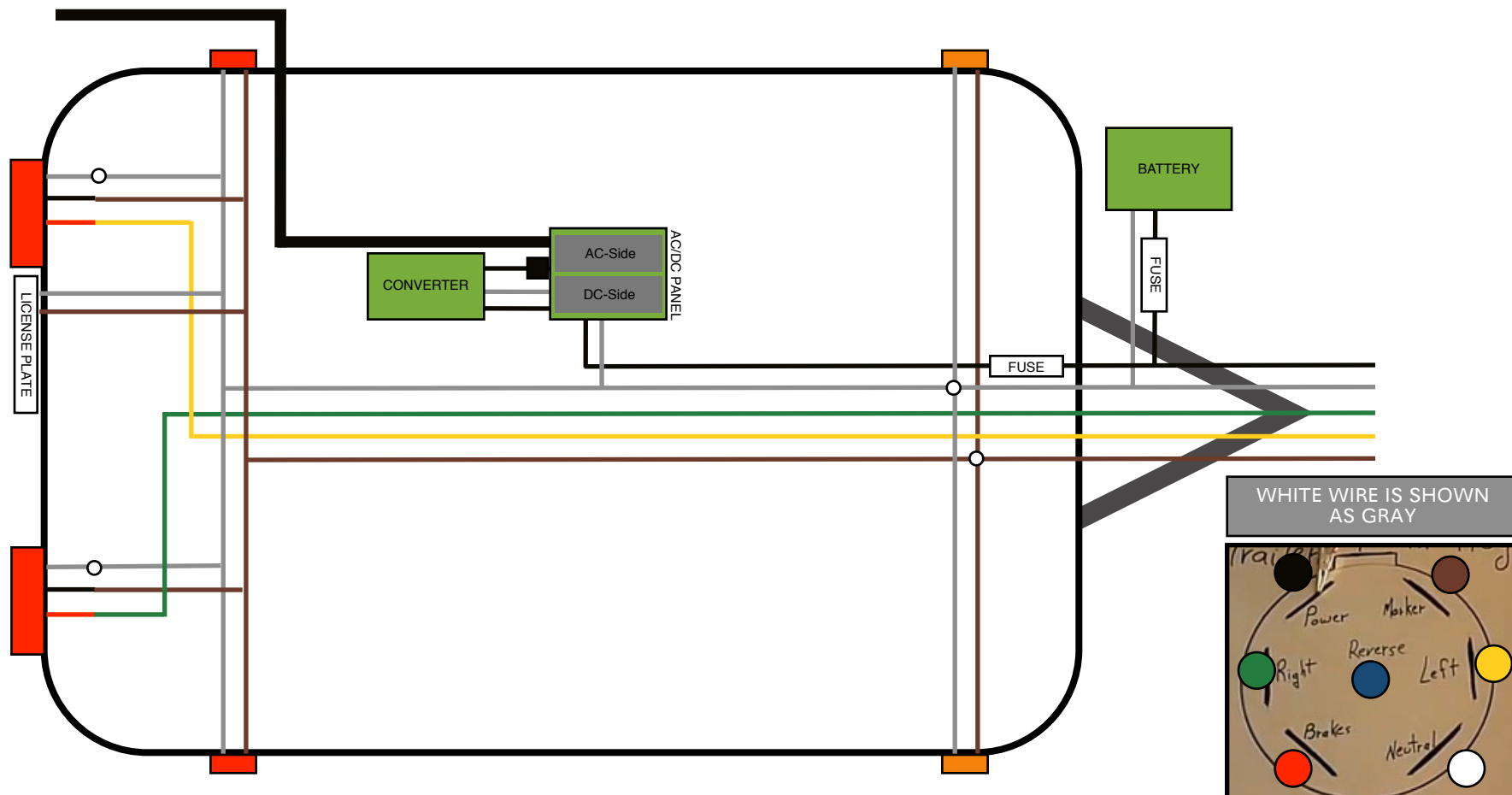


SCAMP TRAILER WIRING-A:

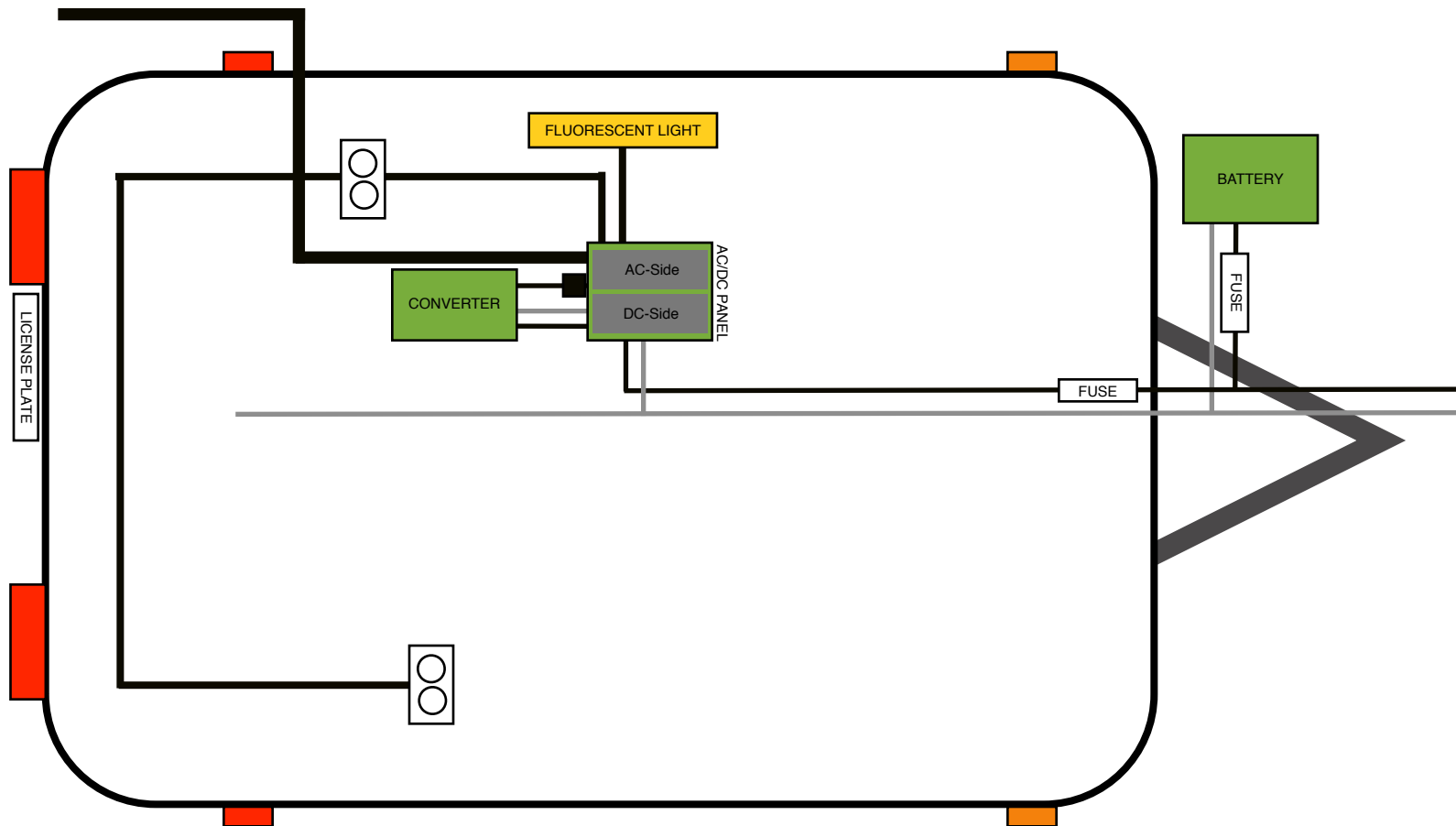
4/30/2014

- from vehicle to all running lights
- from shore power (30 amp) to AC/DV panel
- from vehicle/battery to AC/DC panel



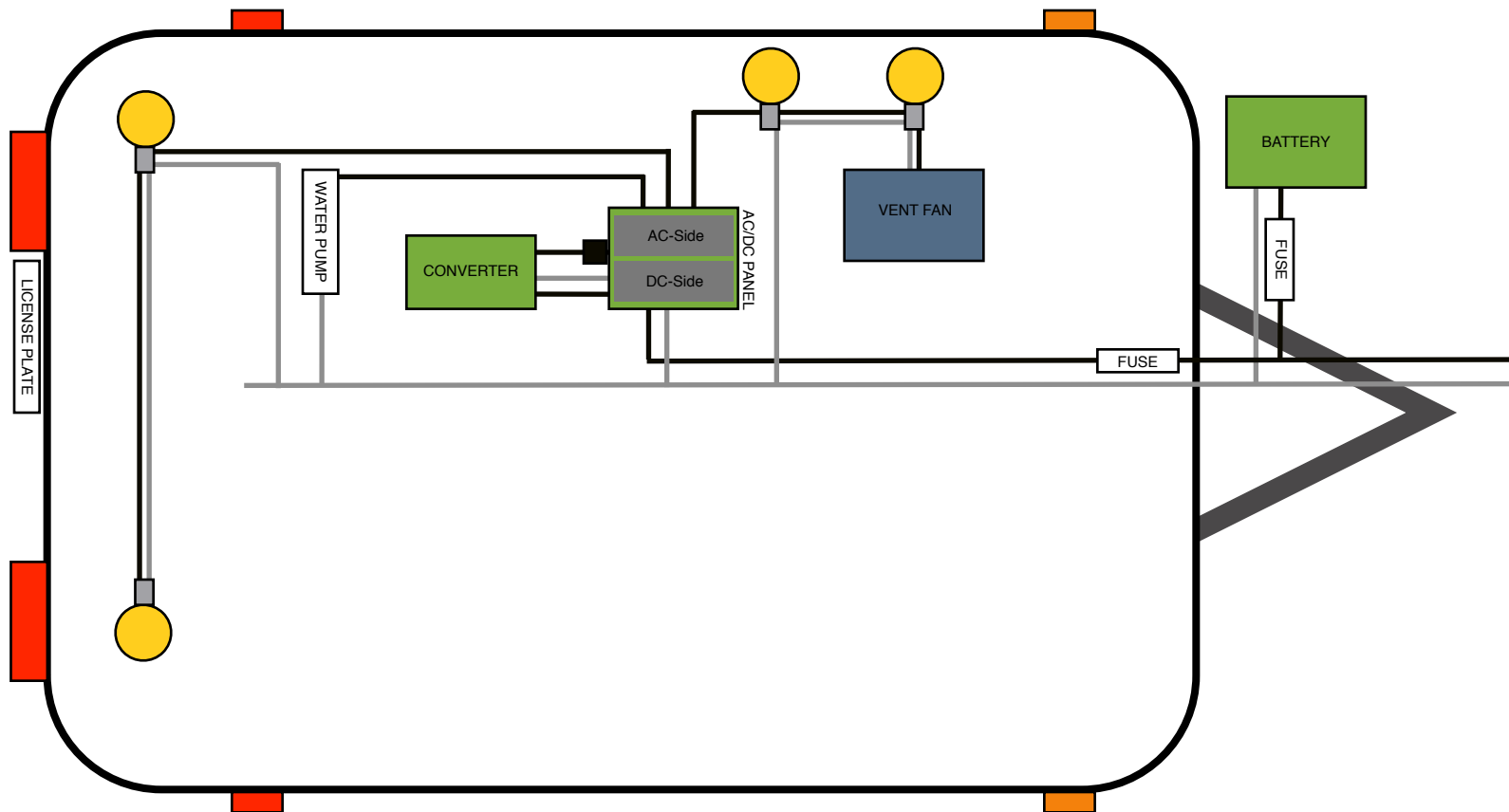
SCAMP TRAILER WIRING-13:

- juice from AC (side of) panel
- only operable when plugged into shore power (30amp)



SCAMP TRAILER WIRING-C:

- juice from DC (side of) panel
- from DC panel to lights and other 12V accessories (water pump as example)



SCAMP TRAILER WIRING NOTES:

- Our Scamp is a 1993 13 footer. I have removed both the AC/DC/LP Dometic Refrigerator as well as the LP heater (with 12v fan). These are removed and are gone as both were in extreme states of disrepair, both are very expensive to replace, and both weighed a great deal together.
- I have replaced the 4-pin flat connector with a 7 pin round (I bought a full 25 ft. length 7 pin cord and then broke it open inside the scamp with the correct wires going in one piece the entire trip to their destination). I will only be using 5 of 7 pins, but will gain the opportunity to charge the battery while traveling connected to the car, and will gain the chance to have installed a Dexter axle with braking system sometime in the future.
- New Converter: IntelliPower 9130 + Charge Wizard – <http://goo.gl/aQLBIW>
- New Power Panel (AC/DC): PD5000 – <http://goo.gl/fSjLUn> (I nsidered at the time doing the all in one IntelliPower that is 45 amp service. At the time I chose not to. If given the choice again, I might have done it. In my case I would have done it for the compact nature of the setup and not because I need the extra amps.)
- In camper world, white is always neutral and any other color can be hot. In this case black is the main power load.
- In the original system black lead to the converter and then on to other components. This is in part due to the fact that the original converter also contained the 12 volt bus bar. The new system is NOT like this. The joint AC/DC panel serves as the bus bar.
- The original tail lights were a four wire system. These are only 3. I am told that this is not a problem and it has to do with onboard electronics in the light. Here are the lights we purchased: <http://goo.gl/v42ubr>