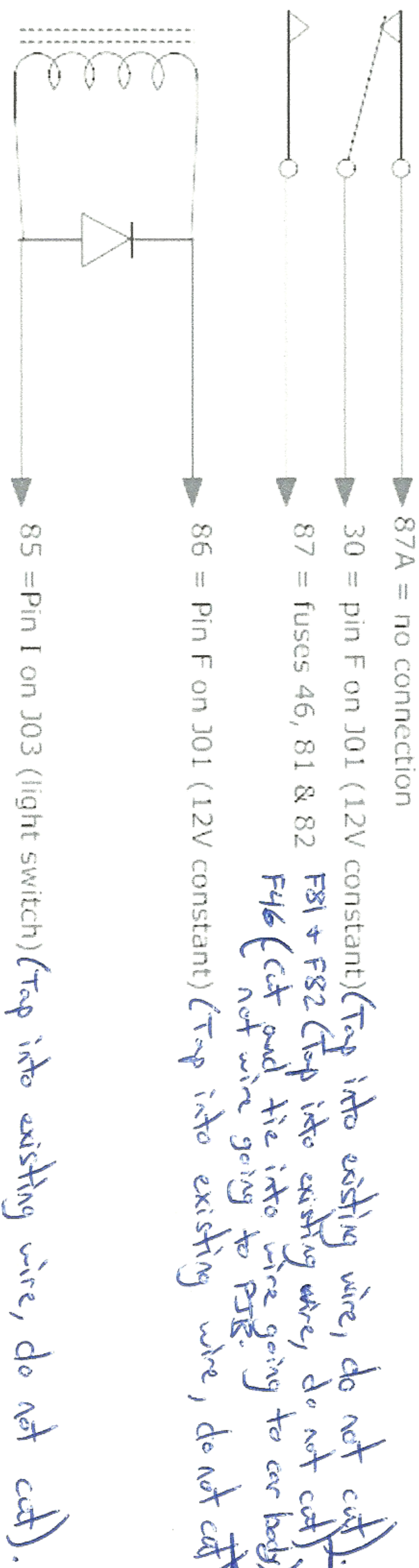


You rock! It worked! I just had to make one change. It didn't work with terminal 85 connected to a ground and 86 to the light switch. It looks like the factory switch is a grounded switch. The only way I was able to get a 12 volt reading with my voltmeter was connecting the positive lead to a 12v source and the other to the light switch wire. So instead of connecting a ground to terminal 85, I connected the light switch wire. I connected terminal 86 to a 12v constant.

I still used a diode from 85 to 86, striped side towards the 12v constant (86). Also, the dimming (night mode) works fine but I had to leave the light switch wire intact and just tap into it. When I cut that wire completely, my dimmer wasn't functional. I made a new diagram for what I did. Let me know if the setup in the diagram looks off.

Thanks again for all of your help! I appreciate the time you put into it and will be forever grateful!



87A = no connection
30 = pin F on J01 (12V constant) (Tap into existing wire, do not cut).
87 = fuses 46, 81 & 82
86 = Pin F on J01 (12V constant) (Tap into existing wire, do not cut).
85 = Pin I on J03 (light switch) (Tap into existing wire, do not cut).

Note, all 3 wires need new 7.5-amp fuse installed.