

## Wiring Color Codes for Commanders 12V and 110V

From: Lee H. Dahlen Date: Sun Dec 16, 2001 10:00pm

Subject: Electrical 101 on 1960's Commanders

Howdy Everyone,

After a long weekend of updating a 1968 31 express from a 19th century household system to a GFCI 110v Marine rated and code installed shore power system, I have come away with some conclusions that might help anyone in the future who wants to tackle this job. So keep these notes handy, as I ASSURE you they will come in handy at a later date.

Chris Craft in their infinite wisdom used the following wiring color code for the 2 systems on their 60's models. 12V and 110v

ACV ( 110v) BROWN "Roamex style" cable with 2 wires inside ( White and Black)

DCV (12V) BROWN "Romex style" cable with 2 wires inside ( White and black)

( Anybody see what fun we had this weekend yet?????) Ok here's the clincher. My guess is that the three wire ACV Code must have come in around LATE 1967 or '68 as my 1966 27 only had a 2 wire system and this 68 had a three wire system (Adding the green wire)

So to figure out which was ACV and which was DCV, we realized that CC had "added" the third wire ( Green) outside of the ACV Brown and zip tied every 6-8 inches. So when you are trying to figure this mess of brown wire out, be hopeful you have that green wire to look for, as otherwise you will have to trace all of the circuits down. The good news out of all of this? Besides having a 21st century system that is the safest on the market, while tracing the individual circuits, both ACV and DCV out, we located a screw that had been run through one of the roamex cables into the Hot and the Load wires of the ACV line going to the Stove. ( Which I might add was the highest drawing item on the ACV side of the entire boat). Considering the boat also has a genset on board it could have really wreaked havoc on a couple of systems.

Hope everyone had a good weekend. Now after the 330 mile ride home its off to work and kill another 1600 miles to keep the creditors happy