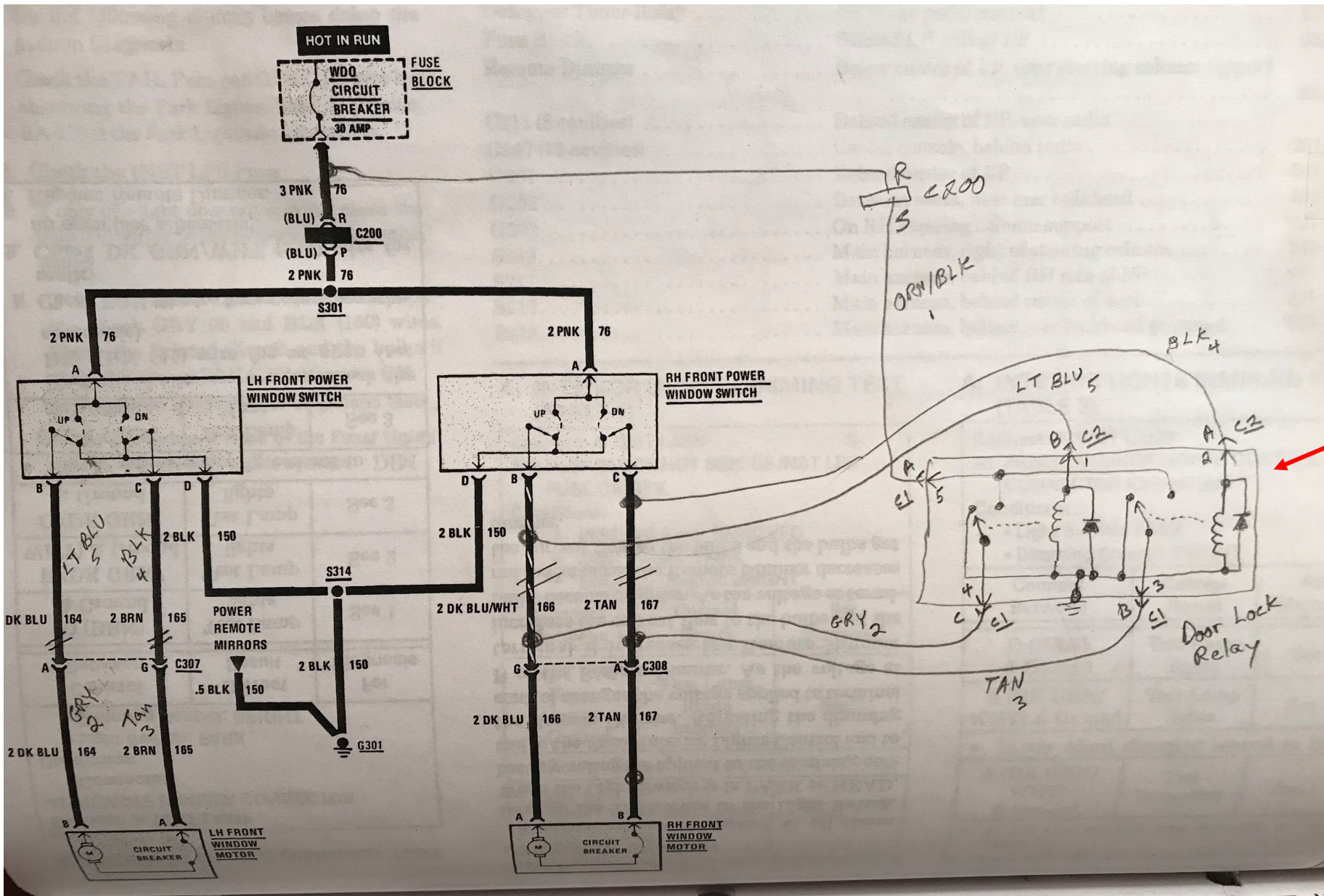


# Fiero Electrical Case Studies

By Nick DiMonte

# Case #1, The Reversing Power Window

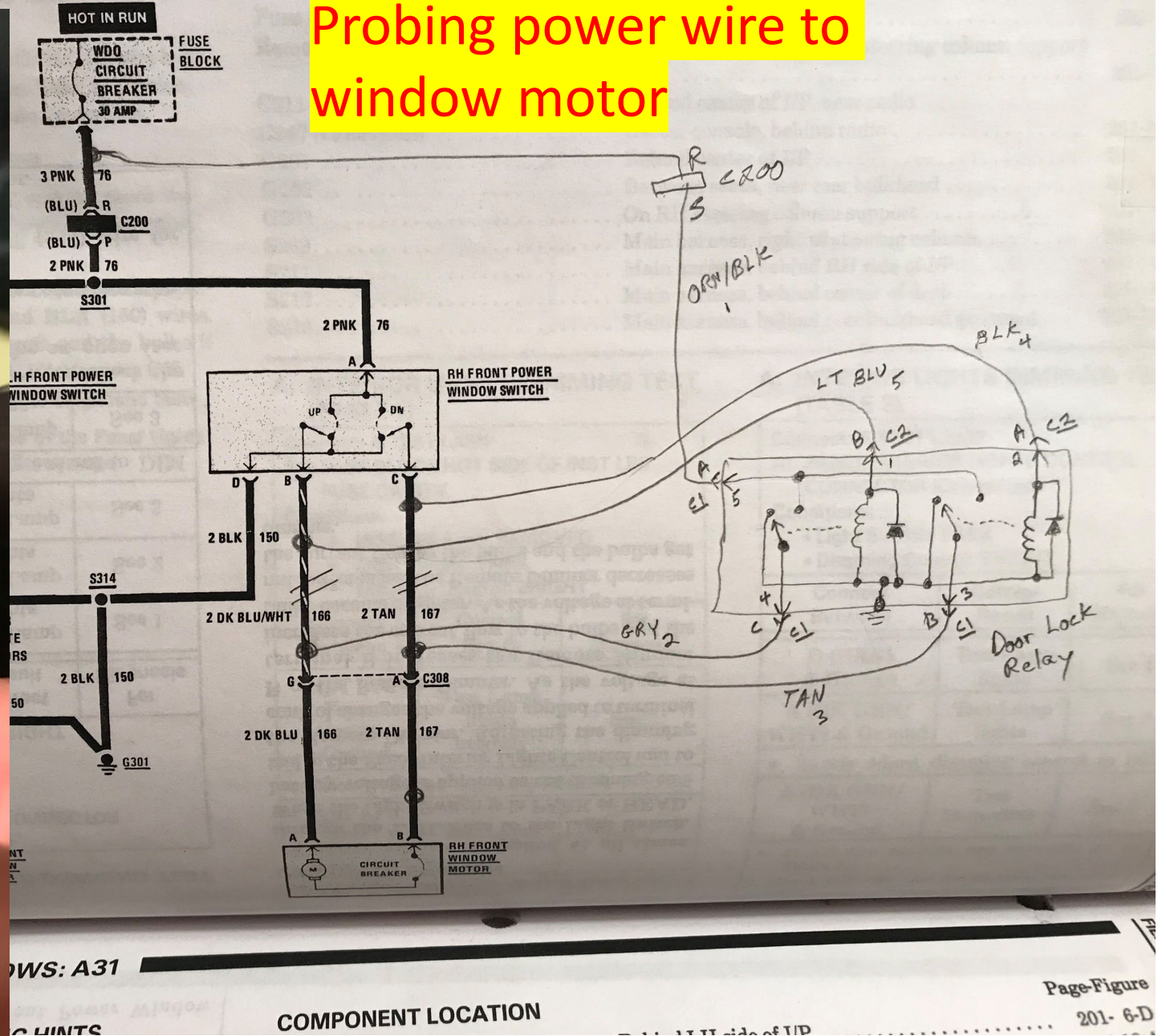
- Added relays for power control
- Rebuilt power window motor
- Basically, I created my own problem.



Fiero Door  
Lock  
Relay  
Two needed, only  
one shown here.



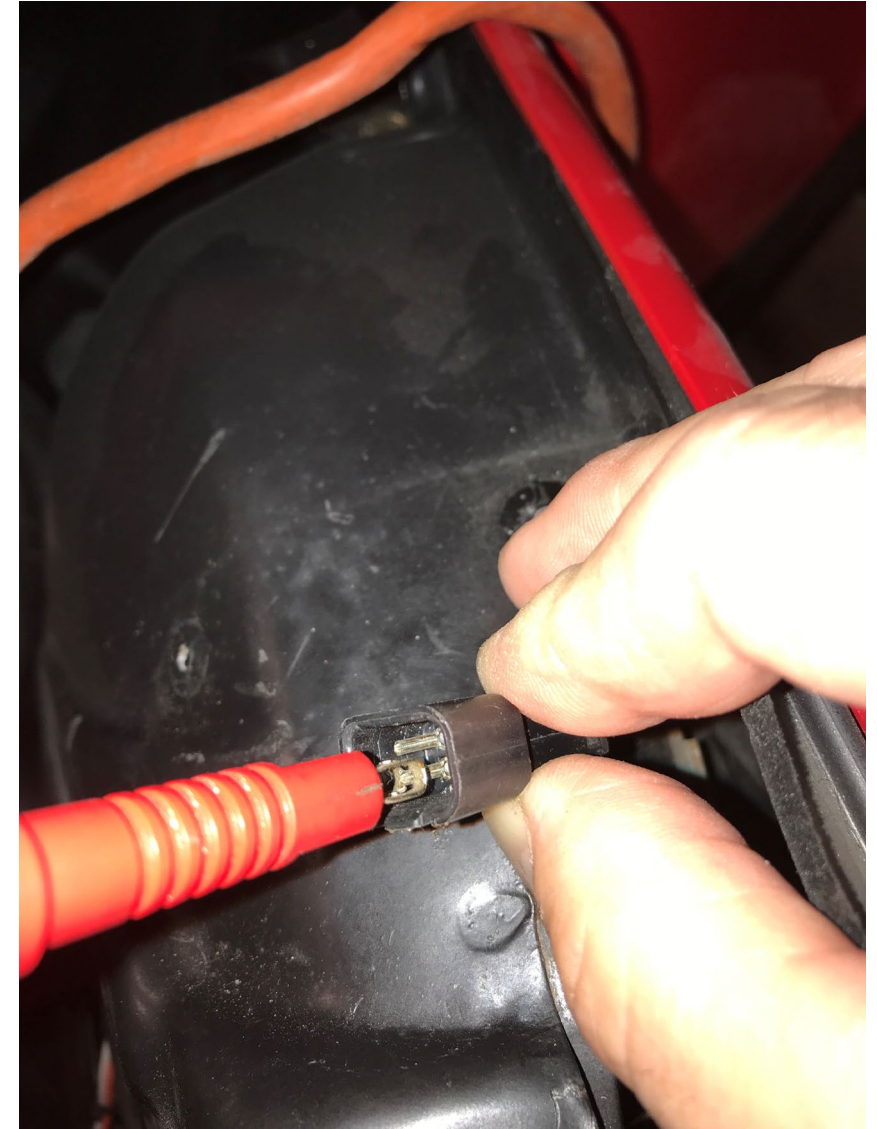
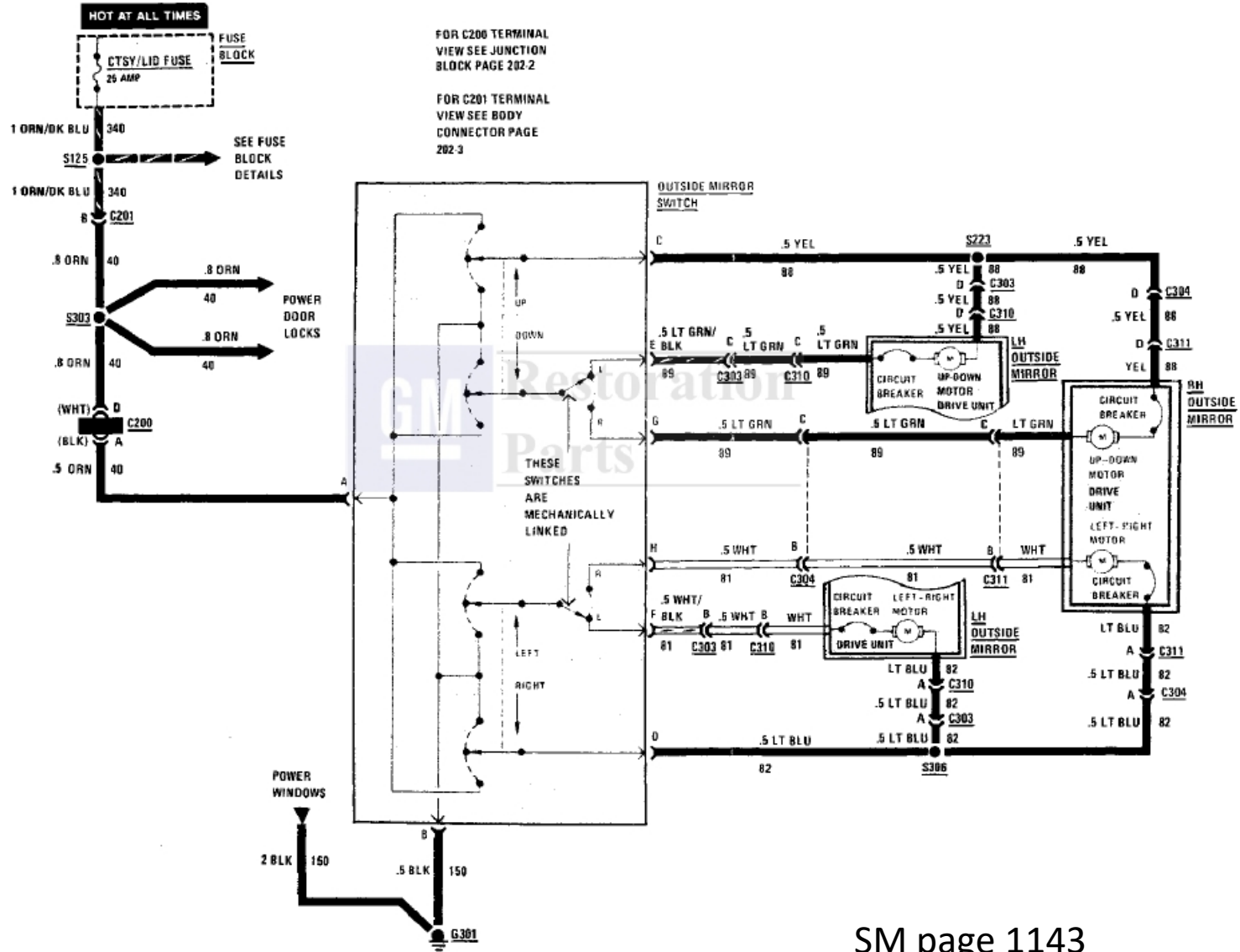
Probing power wire to window motor



# Case #2, Power Mirror Issue

- Left hand mirror function properly
- Trouble with right hand mirror
  - Functional left and right controls
  - Up and down not functional

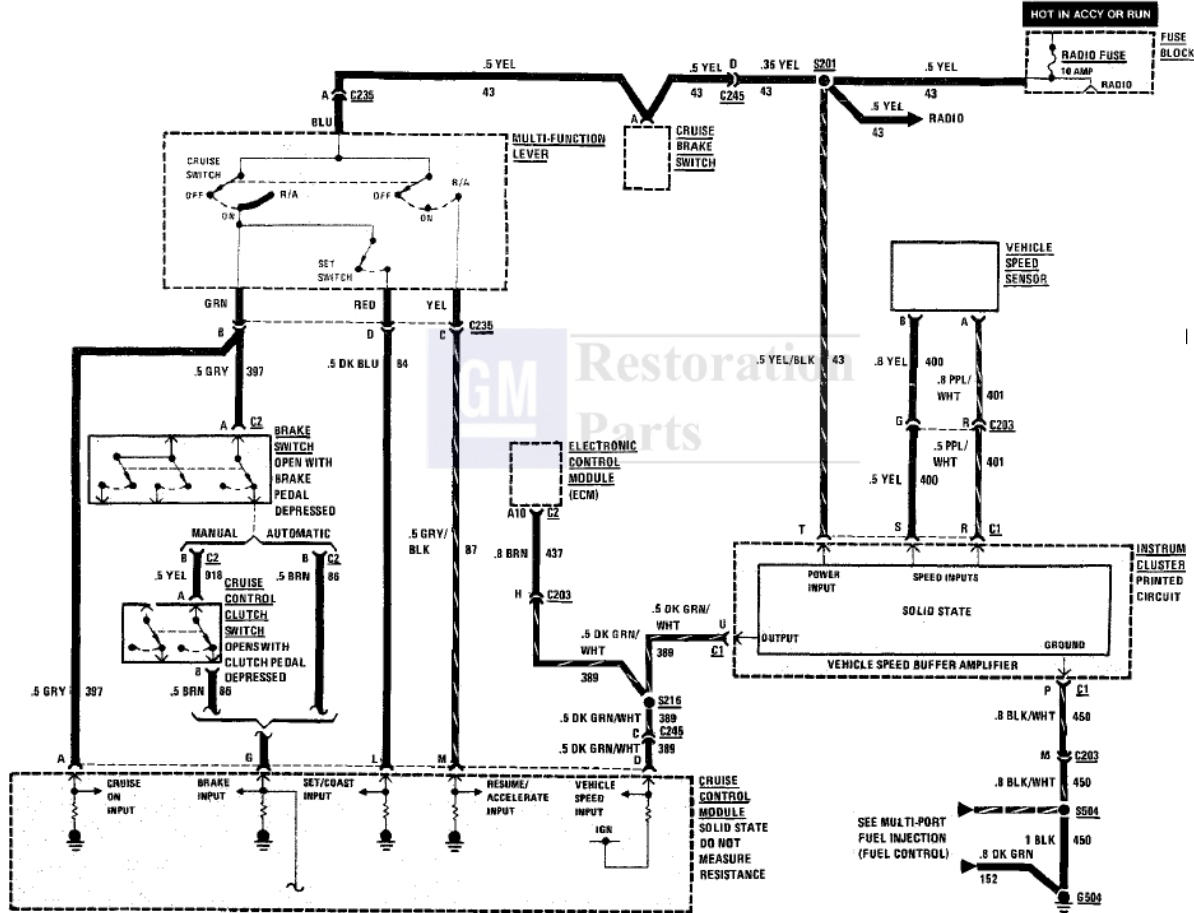
# POWER REMOTE MIRRORS



# Case #3, Cruise Control

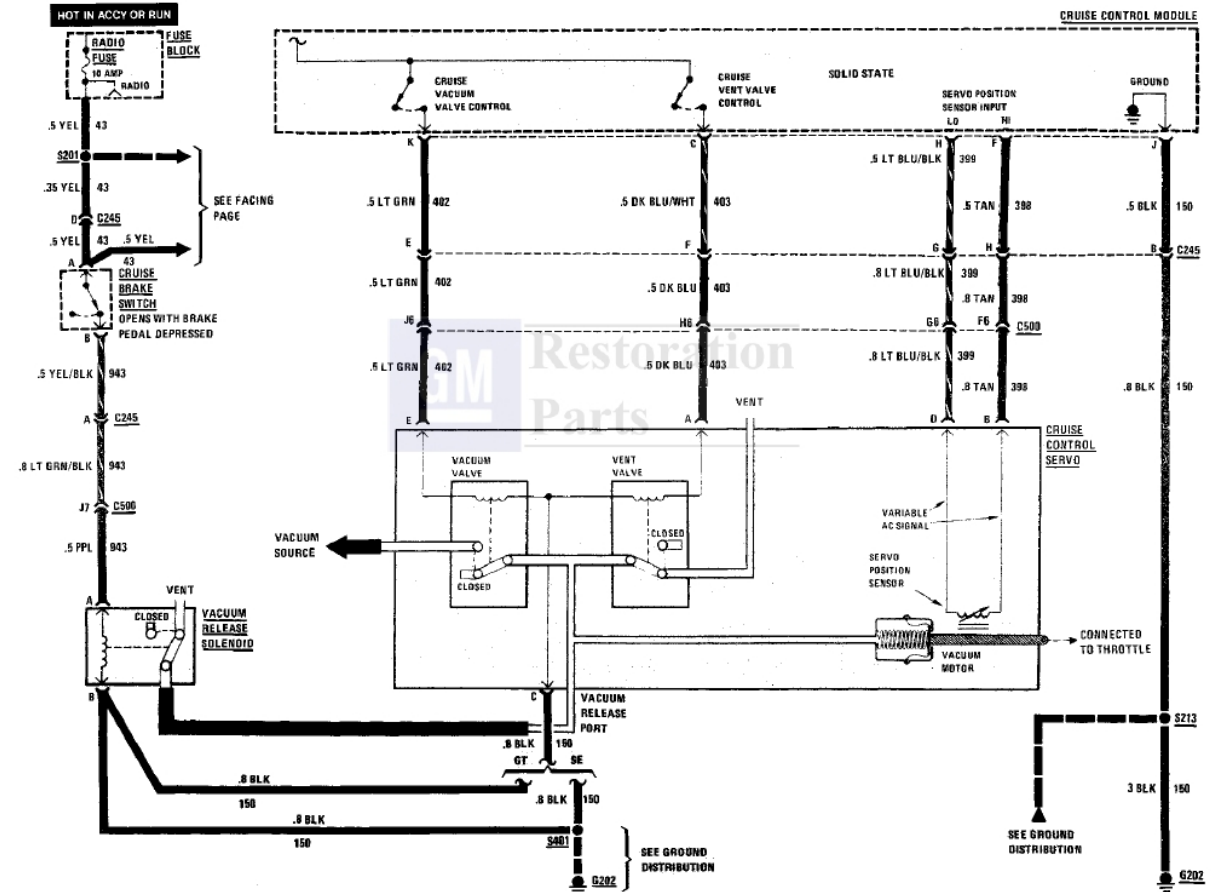
- Cruise Control would not engage
- New vacuum lines
- New vacuum canister
- New cruise control stalk
- Followed the troubleshooting guide in service manual.

CRUISE CONTROL: K34, V6 VIN 9



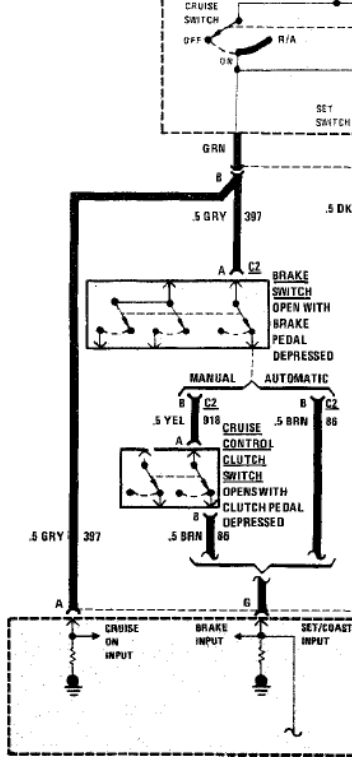
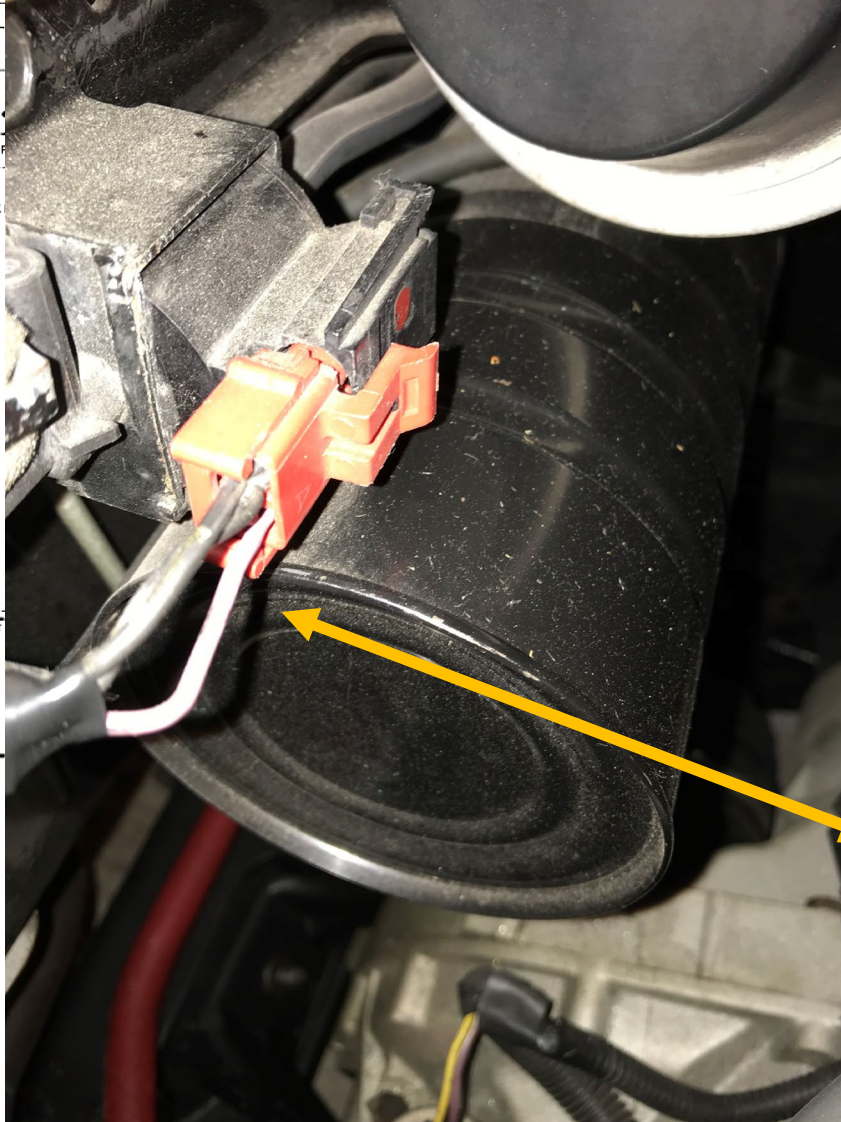
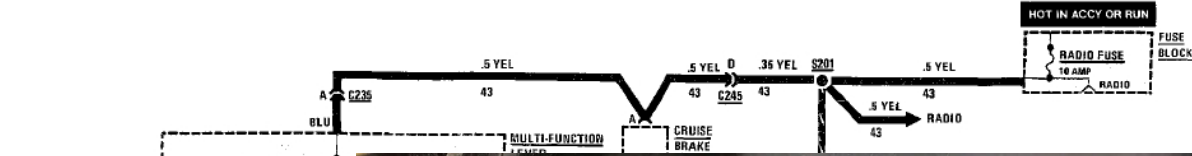
SM page 1007

CRUISE CONTROL: VACUUM, V6 VIN 9

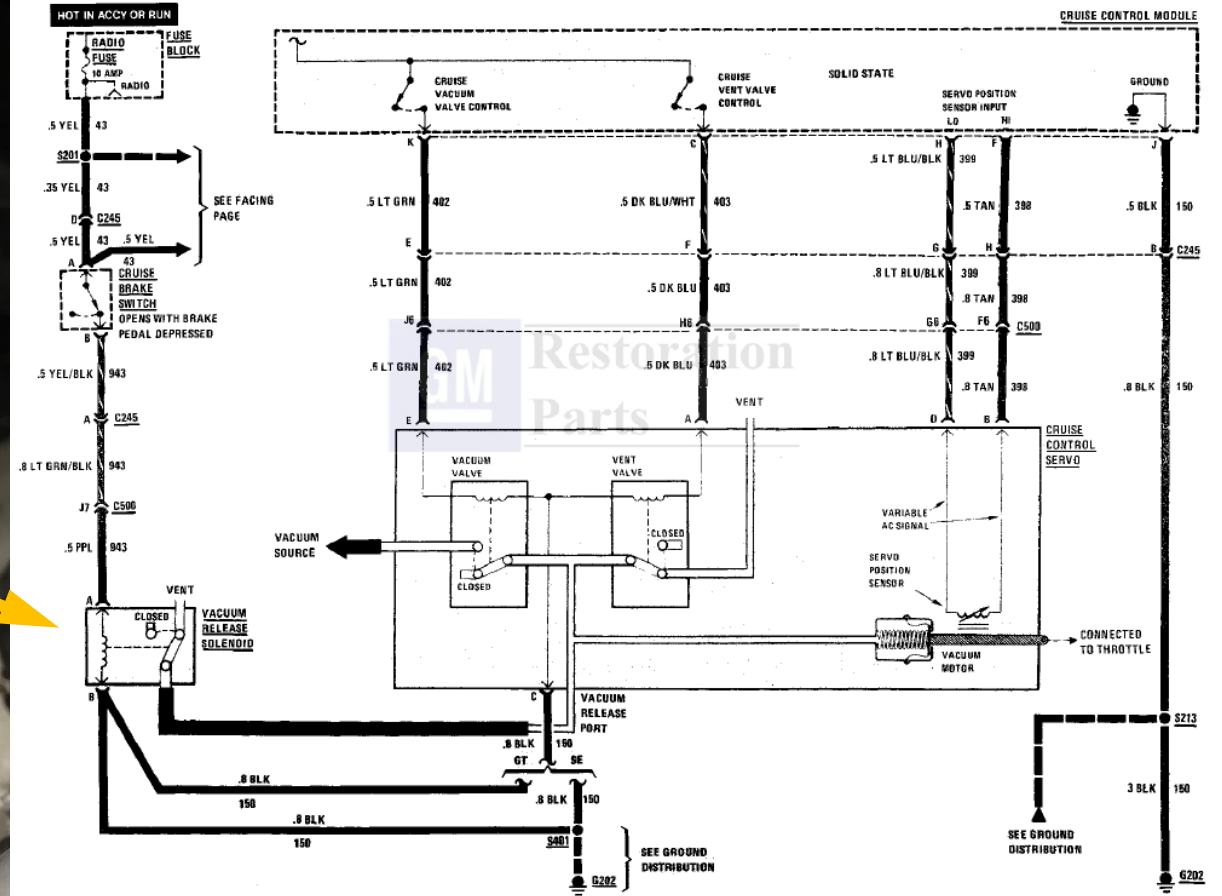




**CRUISE CONTROL: K34, V6 VIN 9**



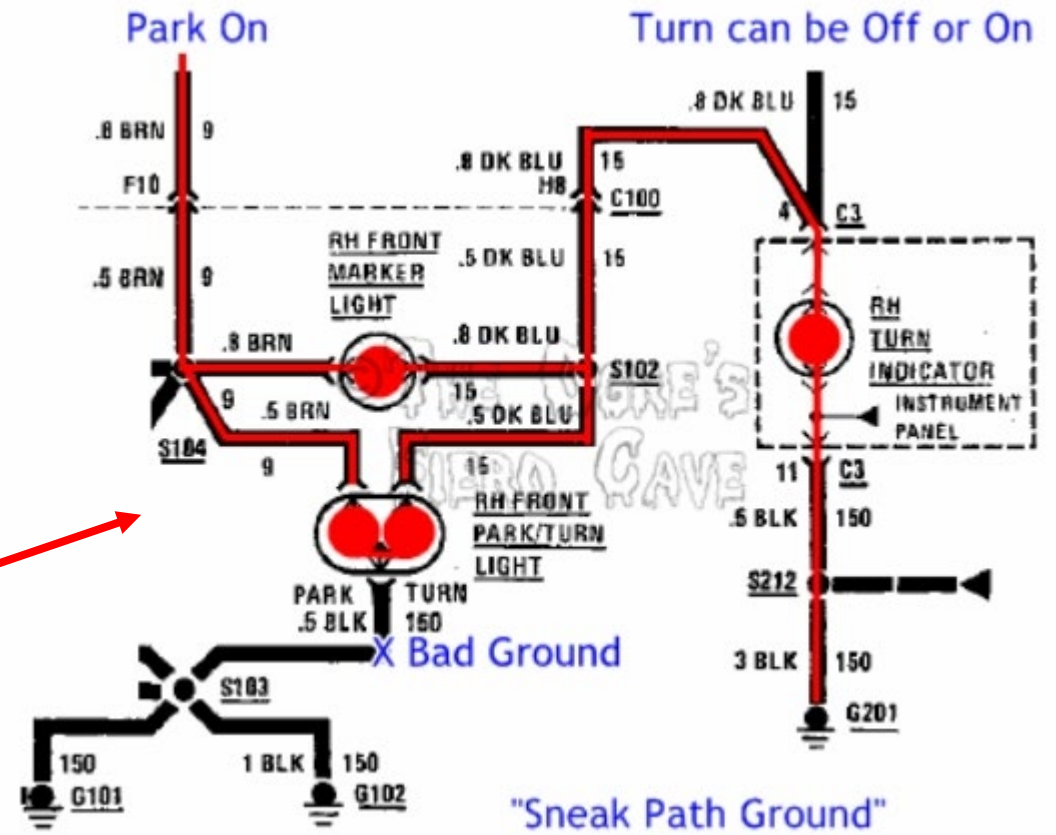
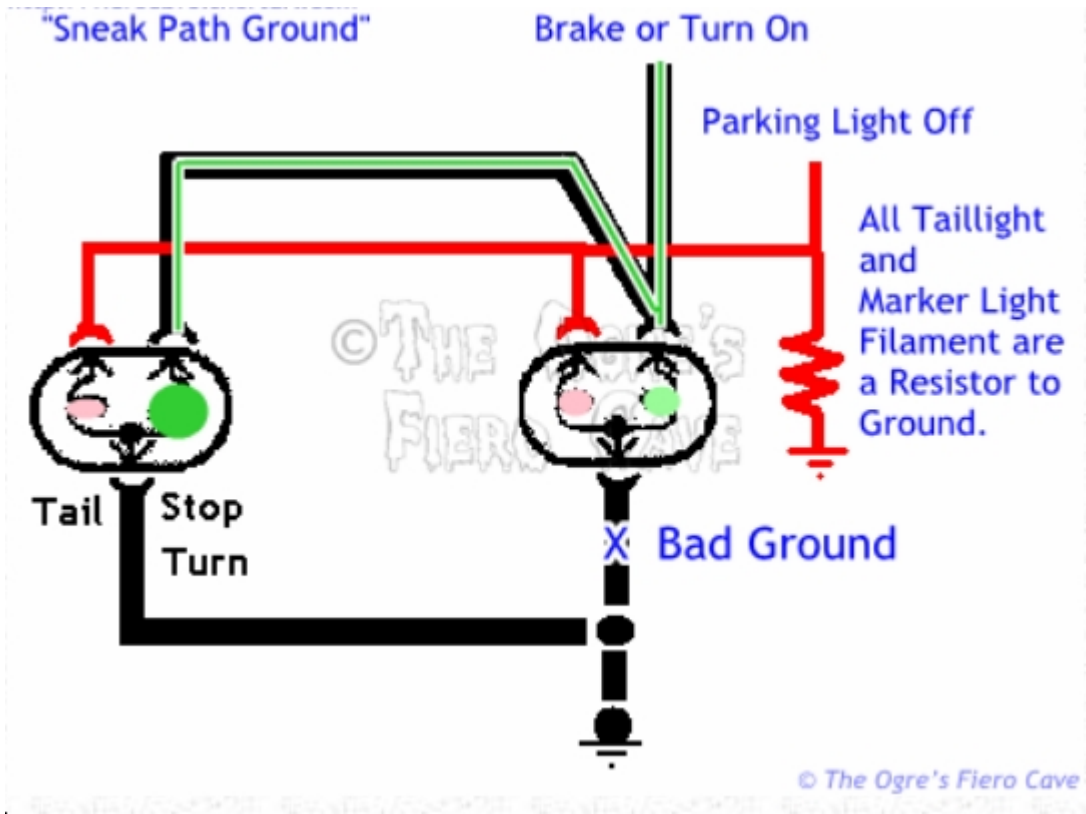
**CRUISE CONTROL: VACUUM, V6 VIN 9**



# Sneak Path

- Source from The Ogre's Fiero Cave (Pennock's)
- **What is a Sneak Path?**
  - A "Sneak Path" can be a ground or power. Sneak because there is either a ground or power path when you don't expect it.
- Power examples:
  - You check the Fuse for the Radio and it looks ok. But you didn't check the BAT fuse. Radio uses two fuses.
  - Courtesy light came on when door are closed. Check fuse and BAT is blown.
- Ground example:
  - Tail lights won't turn on very bright. (Turn signal doesn't flash in Notchback.)





This is only showing part of the problem.