

## Front Relay bank ground harness

The front relay bank has a “daisy chained” ground buss that seems to be causing a lot of problems as they age. What I think causes the problem is the double wire crimps were made without twisting the two wires into one group. So each wire got rolled to each side of the terminal and made weak crimp connections. Open barrel terminals are designed to have the rolled edges penetrate the wire at the center.

Remove the OEM daisy chained pins for the front relay sockets (you will need to lift that relay bank and remove the relays). To remove the pins, I use a large paper clip to press the retaining nub while pushing and pulling the wire. Note there is one extra ground wire (center pin) on the fan relay socket that I do not use (not needed).

Grounds:

Fan Fail = pin 30

Fan Relay = pin 85

Dome unit = pin 86

Blower 4 = pin 85

Blower 3 = pin 85

High beam = pin 85

Low beam = pin 85

Cut the original ground wire that went to the low beam relay so you can connect the long 18 inch wire on my new ground buss to it. The 18 inch wire is long enough to let you make that butt splice back into the large group of wires to hide that splice.