

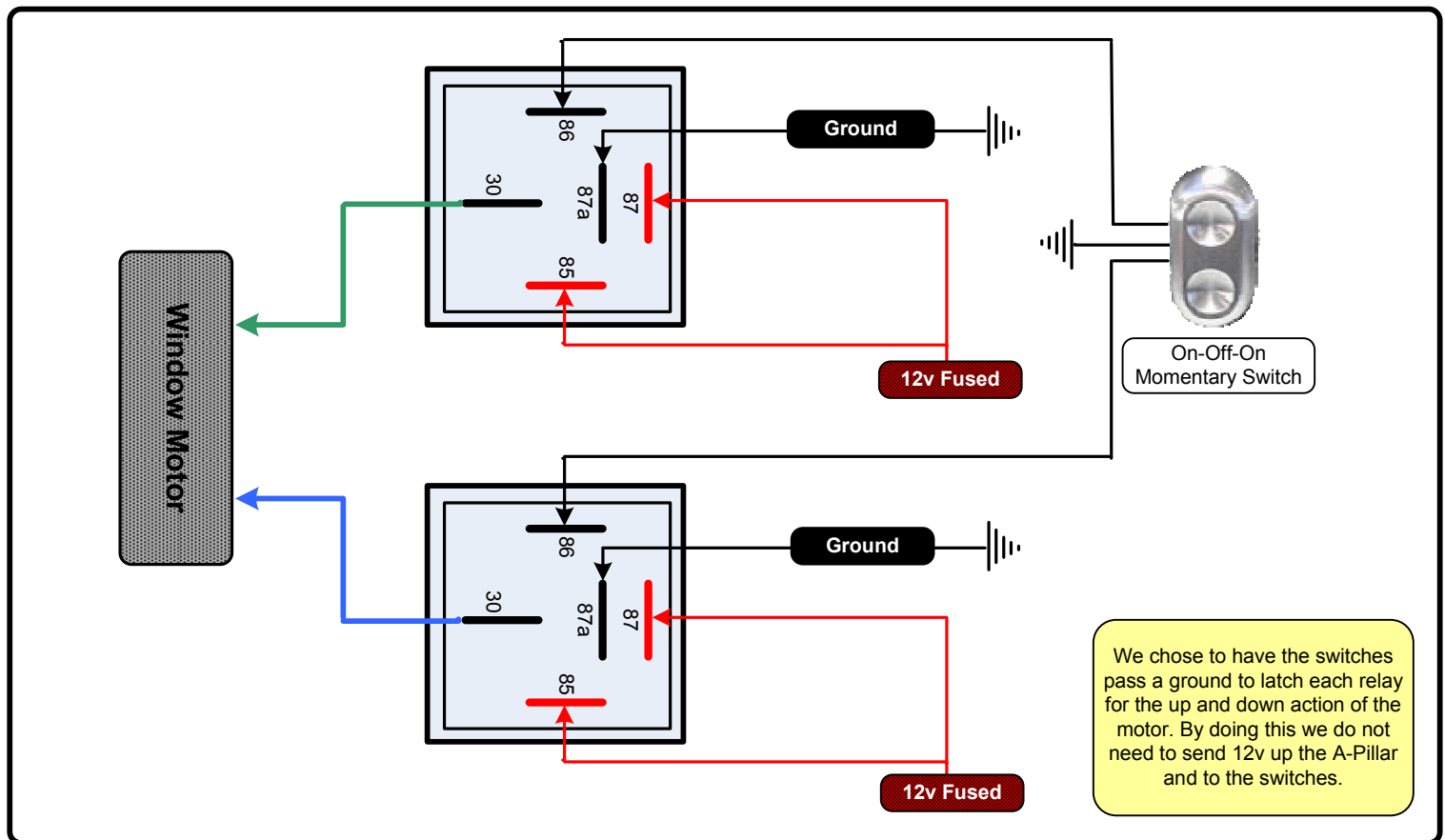
39 Chevy Sedan Delivery Electric Window Wiring

The window switches and cowl vent switch were mounted in the overhead console along with the radio and interior light. We chose to use the Watson's StreetWorks Oval Billet 3 switch panel #L39303X-CSTM



We will use the center switch to control the Rocky Hinge Power Cowl Vent #OCV 01 and the other switches will control the driver and passenger windows. Other than the obvious great look of these switches is that they are only rated for 5 amps which forces us to wire relays to provide the up and down power for the motors. This also means that the gauge of the wire that we have to send up the A-Pillar will be smaller as it will only need to carry a switched ground to latch a relay. Here is how the window switch wiring works:

You will need to have 2 relays for each window function (up and down) and the switches must be momentary on-off-on.



Relays – In the normal state, (unlatched / un-switched), the relays will pass a ground to the motor from post 87a to the outbound post 30. When not switched, a ground will be present on both sides of the window motor. When you press the button / switch, you will send a ground to post 86 of the relay to cause it to latch / switch. This will cause the 12v waiting at post 87 to pass to the outbound post 30 and off to one side of the motor causing it to spin in a given direction.

Hint: Label each switch and relay as to their function. This will make life easier if you have a relay go bad at some time.