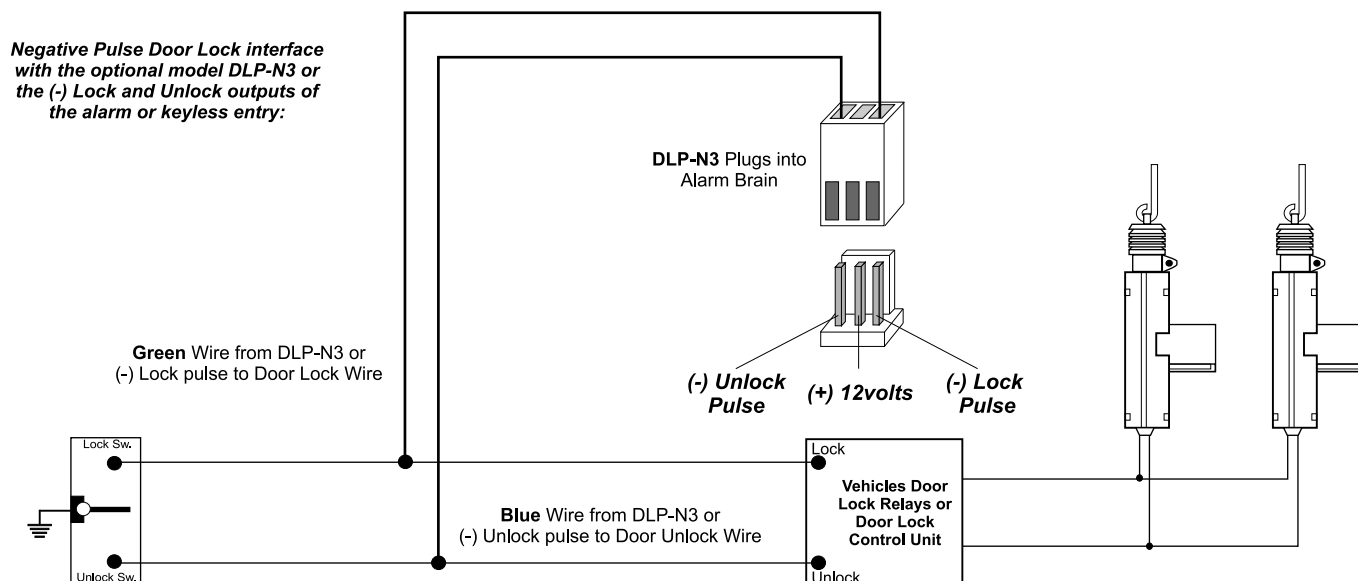


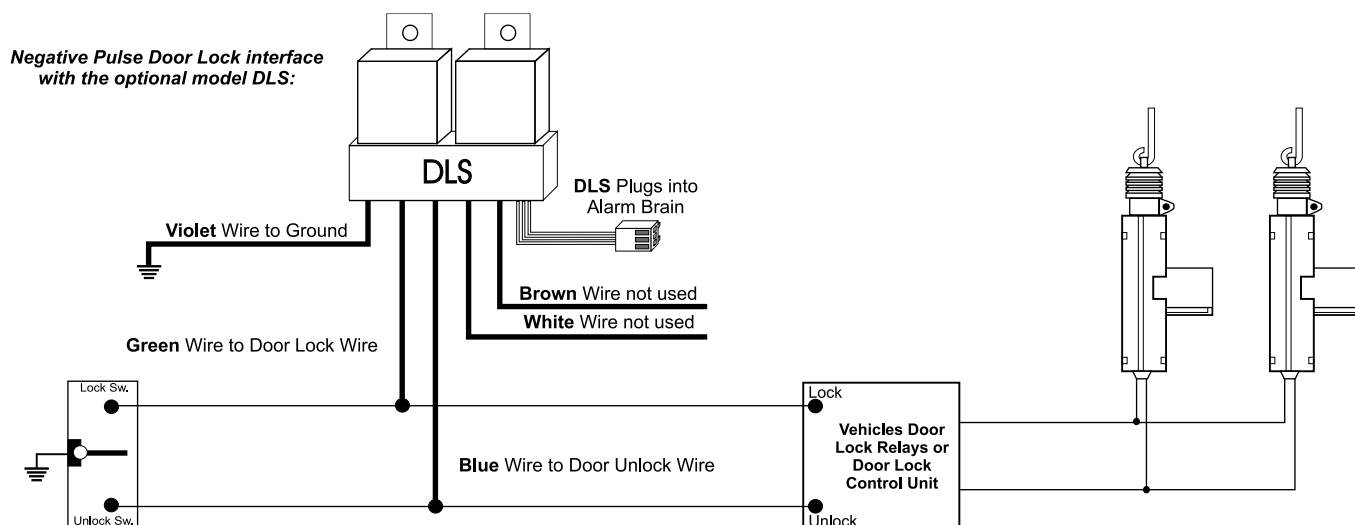
Note #201 - Negative Pulse Door Lock Circuit

• The negative pulse power doorlock system is indicated by the presence of three wires at the switch. Of these, one will show constant ground, regardless of whether the switch is being operated or not operated (at rest). Of the remaining two wires, one will show ground when the switch is pushed to the "lock" position, and the other wire will show ground when the switch is pushed to the "unlock" position. With the switch at rest, these two wires will read voltage, usually 12 volt positive, but in some cases less. The wires from the switches operate doorlock relays or a doorlock control unit with built-in relays. The correct connection point is between the switches and the relays. Once identified, the wires can usually be found in the driver's kick panel in the harness that enters the cowl area from the driver's door. If the existing relays are easily accessible, the security system's doorlock interface connections may be made at that location.

• Most vehicles that have this type of power doorlock system may be wired direct, because all that is required to operate the vehicle's relays is negative pulses. In this case the optional harness, DLP-N3 (which is a 3-pin 2-wire plug-in harness) can be used or the three or four pin blank connector and terminals that are included with the alarm or keyless entry may be used to utilize the negative output of the alarm or keyless entry to operate the door lock system in the vehicle. Some doorlock systems, however, require more than the 250 ma. ground output that the security system's control module accommodates. In these cases the optional model DLS and two relays must be used. If the alarm or keyless entry offers a 4-pin door lock plug with the driver's door priority unlock feature, then Note # 218 can be used to utilize the driver's door priority unlock option with a negative pulse door lock circuit.



CONNECTION: The diagram above shows how to connect the optional model "DLP-N3" or the (-) Lock and Unlock outputs of the alarm or keyless entry to a Negative Pulse type door lock system. If the door lock system requires more than the 250 ma. door lock outputs from the alarm or keyless entry, then use the diagram below to wire the optional model "DLS" to the door lock system in the vehicle.



CONNECTION: The diagram above shows how to connect the optional model "DLS" to a Negative Pulse type door lock system. If the relays are going to be wired directly without the optional model "DLS", then use the "DLS" wiring diagram NOTE #200 to see how the relay coils are wired to the alarm brain outputs & how the wires from the relay contacts are wired to interface with the door lock system.