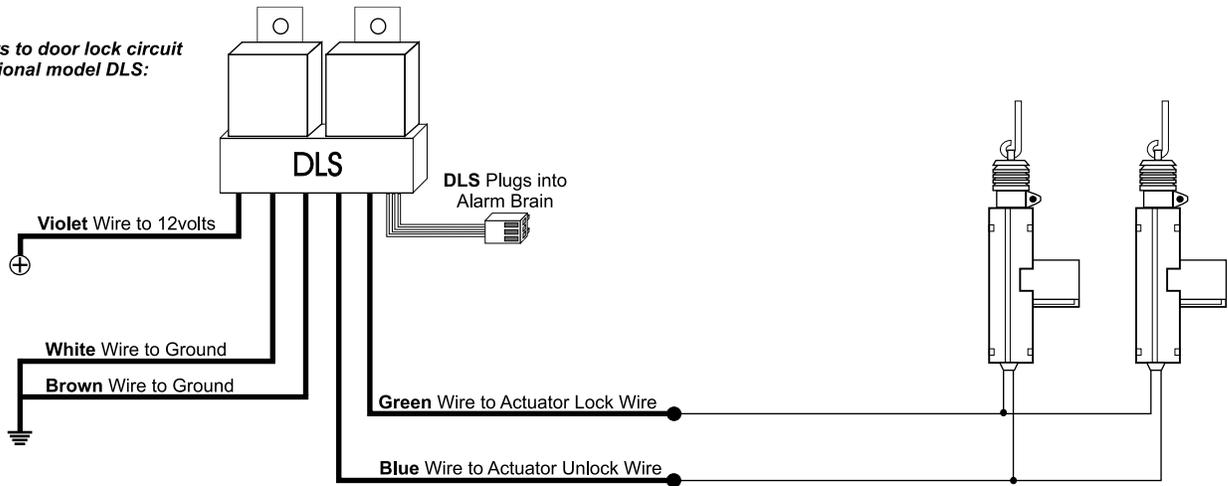


## Note #204 - Adding Actuators to Door Lock Circuit

Adding Actuators to door lock circuit with the optional model DLS:



- Some vehicles have a type of power doorlock system in which the actual mechanical locking and unlocking of the driver's door will operate an electrical switch in the door that will supply the voltage to operate the other actuators in the vehicle. There is no actuator in the driver's door, only a switch. An indication of this type of system is when the driver door key will unlock the passenger door, but the passenger door key will NOT operate the driver door. An actuator can be added to the driver door to perform the mechanical action of the switch which will operate the rest of the door locks in the car.

- A power doorlock system can be created in a vehicle which came from the factory without power doorlocks. This can be accomplished by adding an actuator to each of the doors in the vehicle that are going to utilize the power door lock system.

**CONNECTION:** The diagram above shows how to connect the optional model "DLS" to Reverse Polarity type door lock Actuators. Using the diagram above will create a Reversal Rest at Ground type system to operate the Actuators. 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.