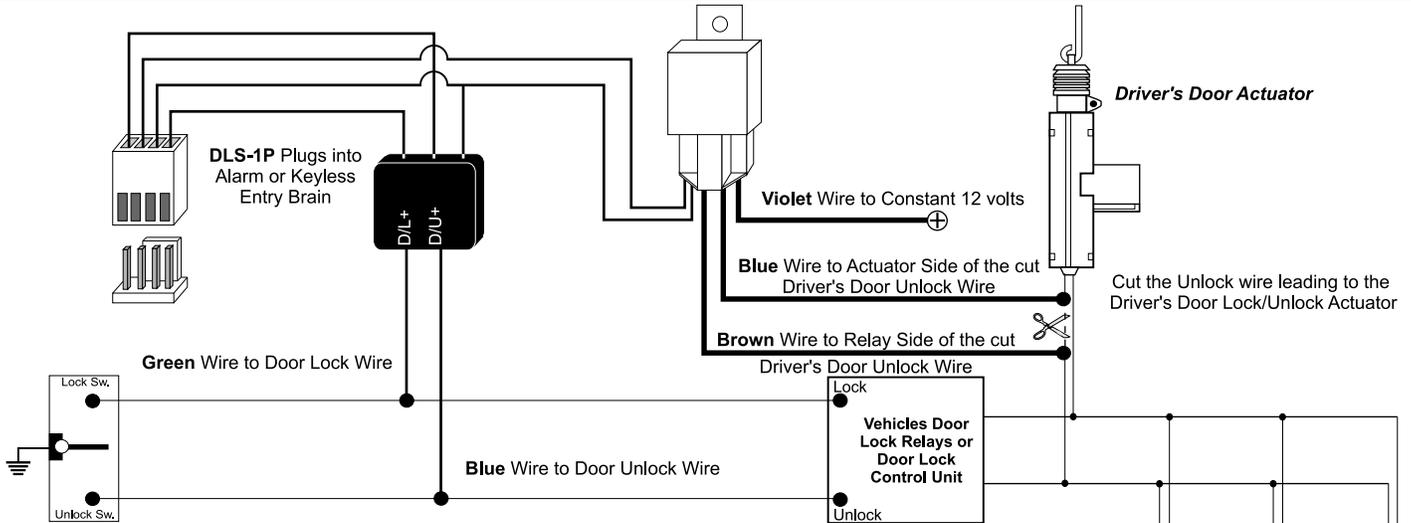


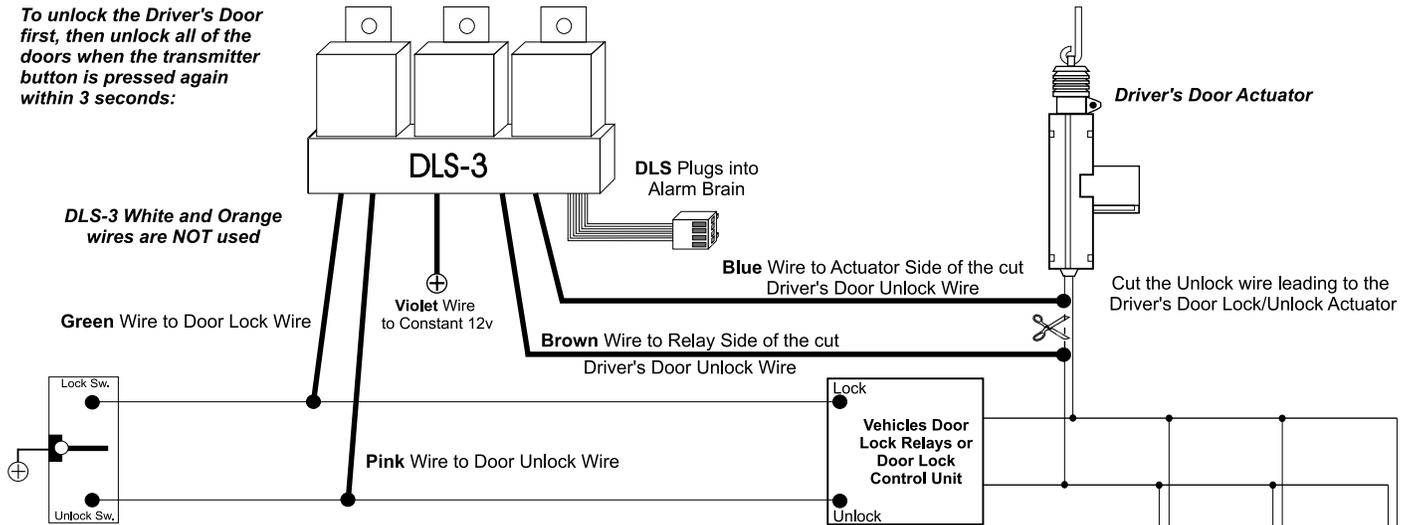
Note #219 - Driver Door Priority Unlock with Positive Pulse Door Lock Circuit



• Driver door priority unlock can be interfaced into the door lock system so that a single press of the disarm or unlock button on the transmitter will unlock the driver door, then a second press of the button within 3 seconds will unlock all of the doors. The alarm gives negative pulse outputs for lock and unlock, therefore, these (-) pulse outputs must be changed to positive to operate a positive pulse door lock system. This can be done with the DLS-1P (which is a 4-pin pre-wired plug-in harness with a transistor network which changes the alarm or keyless entry's negative door lock outputs to positive. The DLS-1P also has a relay pre-wired into the harness for the driver door priority unlock). The output from the relays or door lock control module is a reversal rest at ground circuit, therefore, the driver door priority unlock relay must be configured as a reversal rest at ground type circuit. The optional model DLS-3 (shown below) with three relays can also be used to change the negative door lock outputs to positive to operate all door lock and unlock and also be configured to operate the driver door priority unlock feature.

CONNECTION: The diagram above shows how to connect the optional model "DLS-1P" to operate driver's door priority unlock on a Positive Pulse type door lock system.

To unlock the Driver's Door first, then unlock all of the doors when the transmitter button is pressed again within 3 seconds:



• Driver door priority unlock can be interfaced into the door lock system so that a single press of the disarm or unlock button on the transmitter will unlock the driver door, then a second press of the button within 3 seconds will unlock all of the doors. On those doorlock systems which require a positive pulse to operate the door lock system, the optional model DLS-3 and three relays may be used. The Violet wire from the DLS-3 is connected to constant 12 volts to select the polarity which will operate the switch wires to lock and unlock all doors. Because the Gray wire loop on the DLS-3 is connected to the Violet wire, the Violet wire will also select the polarity used to control the driver door unlock wire which should be positive because the output from the relays or door lock control module to the actuators is a reversal rest at ground circuit.

CONNECTION: The diagram above shows how to connect the optional model "DLS-3" to operate driver door priority unlock on a Positive Pulse type door lock system. If the relays are going to be wired directly without the optional model "DLS-3", then use the "DLS-3" 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.