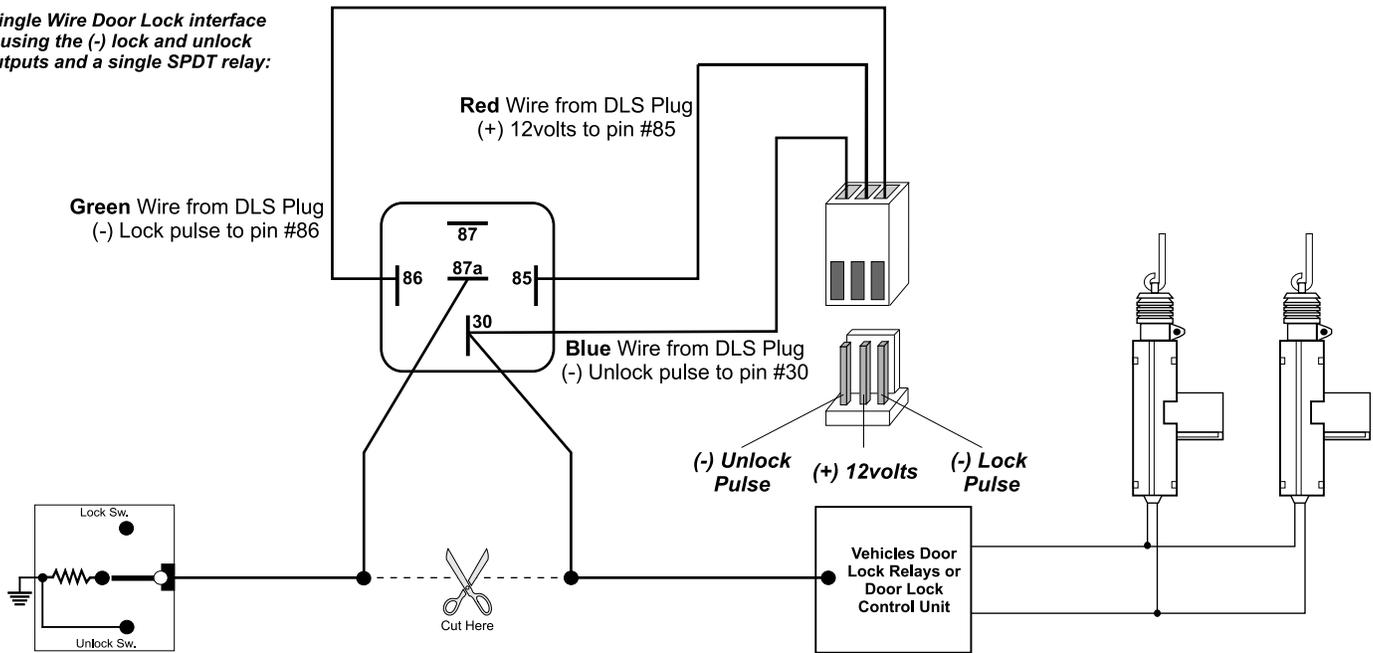


Note #206 - Single Wire Door Lock Circuit

Single Wire Door Lock interface using the (-) lock and unlock outputs and a single SPDT relay:



- The single wire referred to in this type of system is the link between the door lock switch and the door lock control unit. The door lock control unit reads the different voltage from the switch to determine if it is a lock pulse or unlock pulse.
- An open circuit on this wire will lock the doors. A direct ground on this wire will unlock the doors.

CONNECTION: The diagram above shows how to connect an alarm or keyless entry's (-) lock and unlock outputs to a Single Pole Double Throw (SPDT) relay to operate a Single Wire type door lock system.