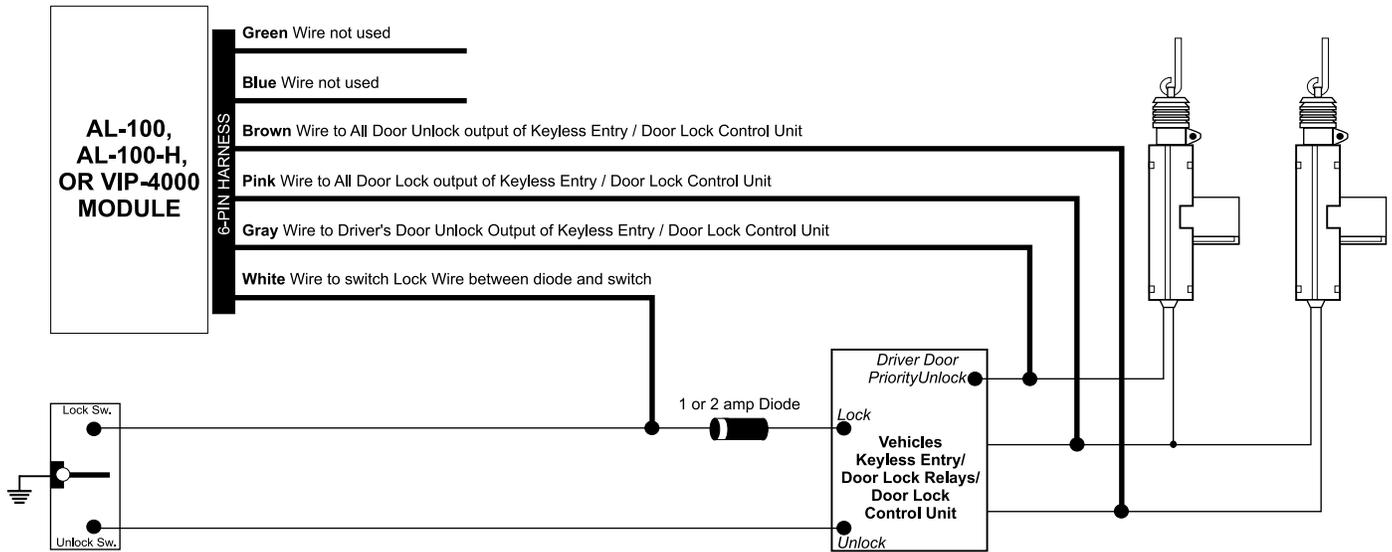


## Note #224 - Type #4 Factory Keyless Entry Interface



- The Type #4 Factory Keyless Entry Interface is typically used with factory keyless entry systems in which the door lock relays are built into the keyless entry module. The keyless entry module in this type of system gives the output to the door lock actuators when the remote or the door switch is used. When the keyless entry remote is used, the keyless entry will back feed the signal to the door lock switch.

- The 6-pin harness of the AL-100, AL-100-H, and VIP-4000 contains the principal wires which are wired into the factory keyless entry door lock system to allow the unit to arm and disarm from the factory keyless entry remote, but not arm and disarm from the door lock switch.

**CONNECTION:** The diagram above shows how to connect the 6-pin harness from the AL-100, AL-100-H, or VIP-4000 to a factory keyless entry using the Type #4 system. Notice that a diode must be added to the factory switch lock input to the keyless entry module to prevent the White wire from seeing the back feed from the keyless entry module. The Gray wire is connected to the driver door unlock output, the Brown wire is connected to the all door unlock output, and the Pink wire is connected to the lock output from the keyless entry to the actuators.