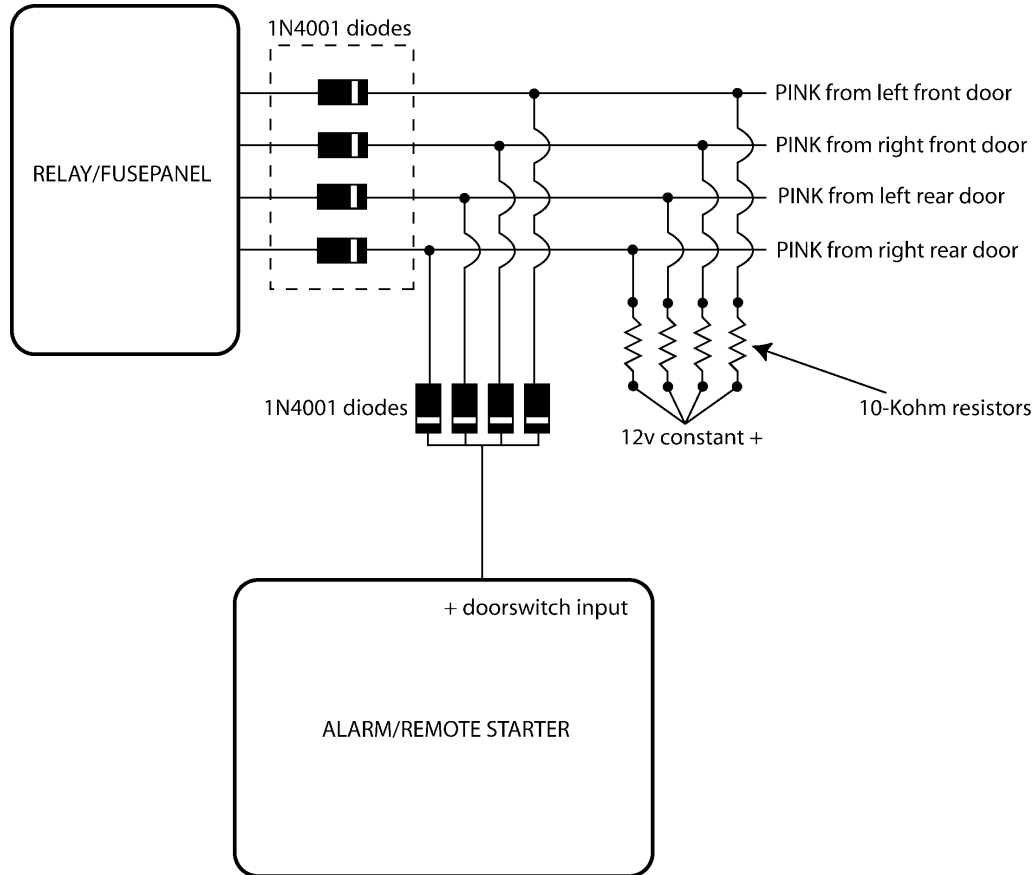


Volvo S60 and S80 Doorpin connections (also applies to V70 & Cross Country 2001 & up)



If you are installing a remote start and after-alarm system, you may encounter problems using the courtesy light under the dash as your doorpin input to your alarm system. On a remote start time-out or shutdown, the interior lights on the vehicle come on. This will most likely cause your alarm system to trip. In the event you are using this wire for a manual transmission remote starter, it would take your unit out of ready mode.

The solution is to tie directly to each doorpin and join them to make a single connection to your alarm system. This vehicle's doorpins rest at ground when the doors are CLOSED and become an open circuit when a door is opened. This presents a challenge for alarm systems which are not designed to read a door this way.

You must first use a digital multi-meter to identify the 4 doorpins behind the under dash fusepanel. These wires can also be found in their respective doorjamb boots. Once you have identified your 4 wires, each wire must be cut, and a 1N4001 diode must be installed in series with the wire. Your cathode (silver band) must face away from the side of the wire going into the fusepanel.

Take four 10-Kohm resistors and tie one end to each of the 4 wires and the other end to 12 Volts. This will cause the wire to be pulled up to +12V whenever a ground is not present on the wire. Your doors will now show +12V when they are opened. Connect to your alarm system as shown in the diagram.

NOTE: The information on this sheet is provided on an "as is" basis with no representation or warranty of accuracy whatsoever. It is the sole responsibility of the installer to check and verify any circuit before connecting to it. Only a computer safe logic probe or digital multimeter should be used. Wiremagic.com Corp. assumes absolutely no liability or responsibility whatsoever pertaining to the accuracy or currency of the information supplied. The installation in every case is the sole responsibility of the installer performing the work and Wiremagic.com Corp. assumes no liability or responsibility whatsoever resulting from any type of installation, whether performed properly, improperly or any other way. The information supplied is a guide only.