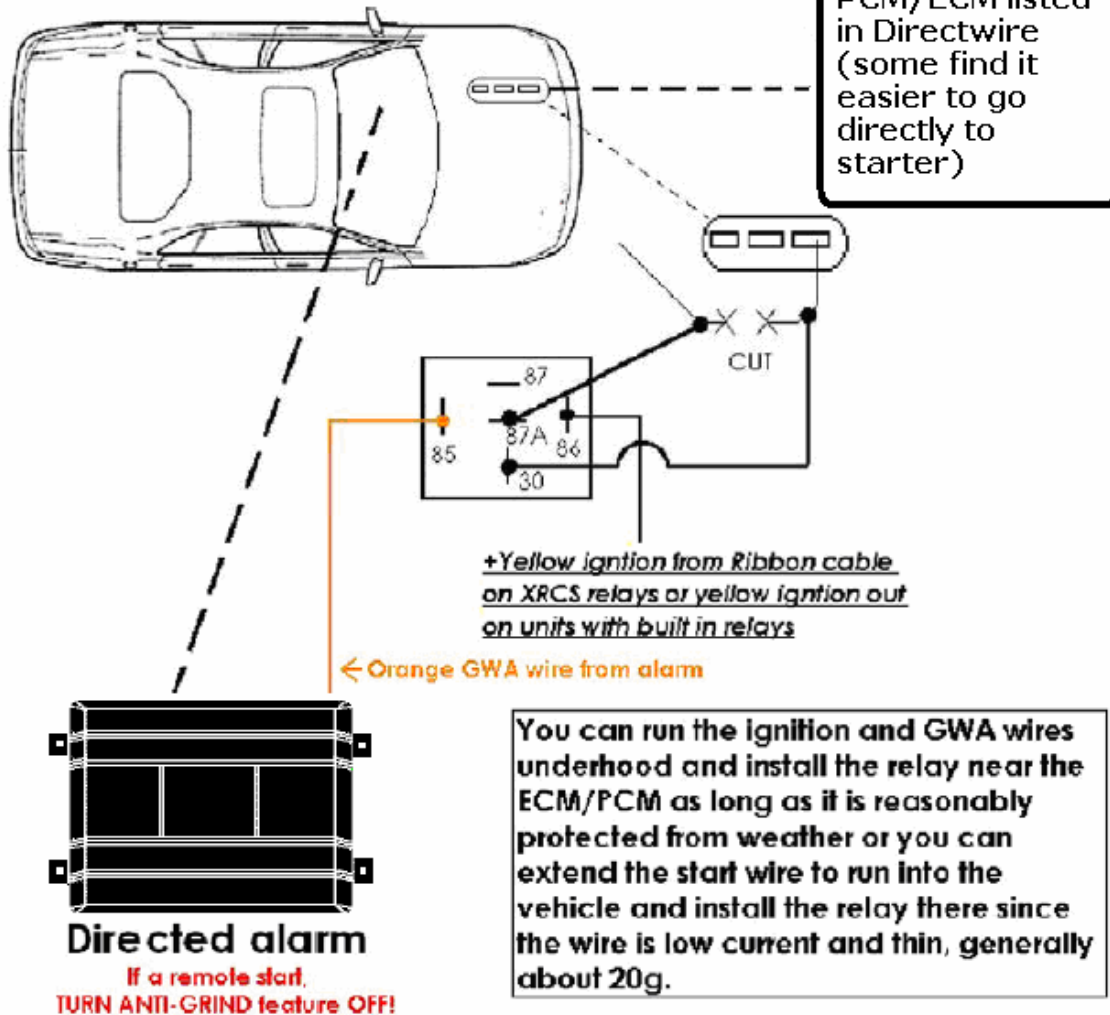


**Starter interrupt on newer GM vehicles where starter wire is under the hood at ECM/PCM per DirectWire**

Many newer GM vehicles have no traditional start wire inside the vehicle. To do starter disable you must interrupt the starter wire listed in DirectWire under the hood at the listed ECM/PCM location. Diagram #1 will work for all Directed systems but if it is a remote start you must turn the Anti-Grind feature off as this will not allow voltage to reach the starter while remote starting. Diagram #2 may only be used with units including an on-board starter disable relay.

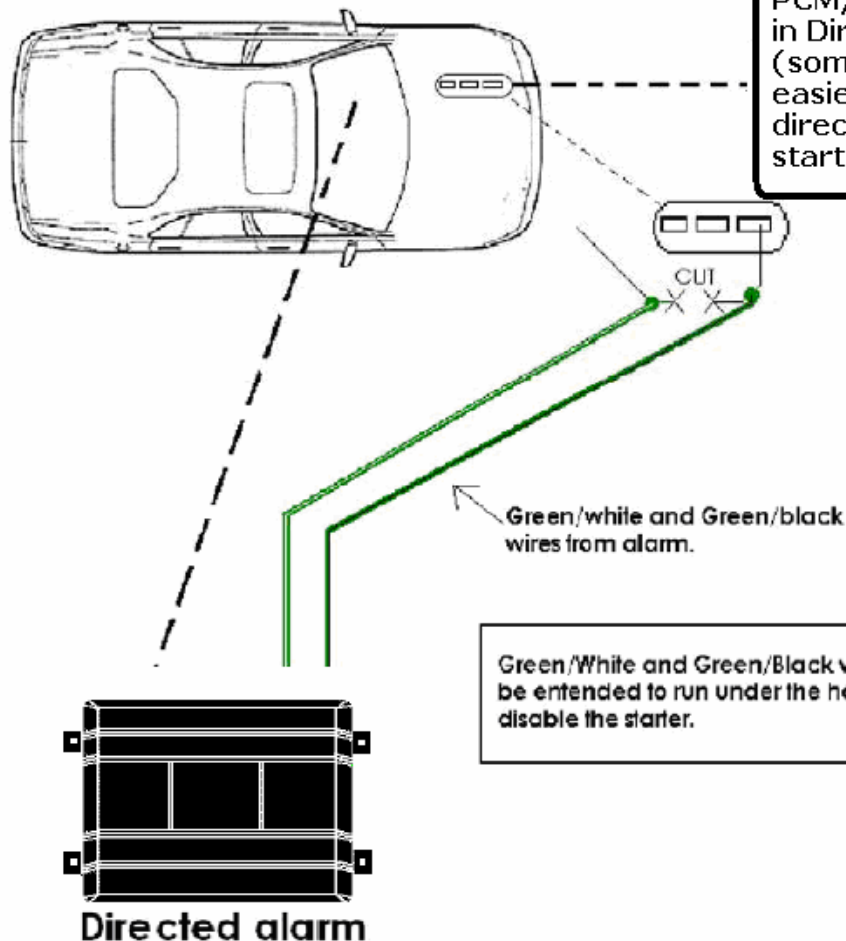
IMPORTANT! This wiring information is being provided free of charge on an "as is" basis, without any representation or warranty. It is the dealer's responsibility to verify any circuit before interfacing with it using a digital multi-meter. Directed Electronics Inc. assumes no responsibility with regards to the accuracy or currency of this information. Proper installation in every case remains the responsibility of the installer. Directed Electronics Inc. assumes no liability or responsibility resulting from an improper installation, even in reliance of this information.

## Diagram #1



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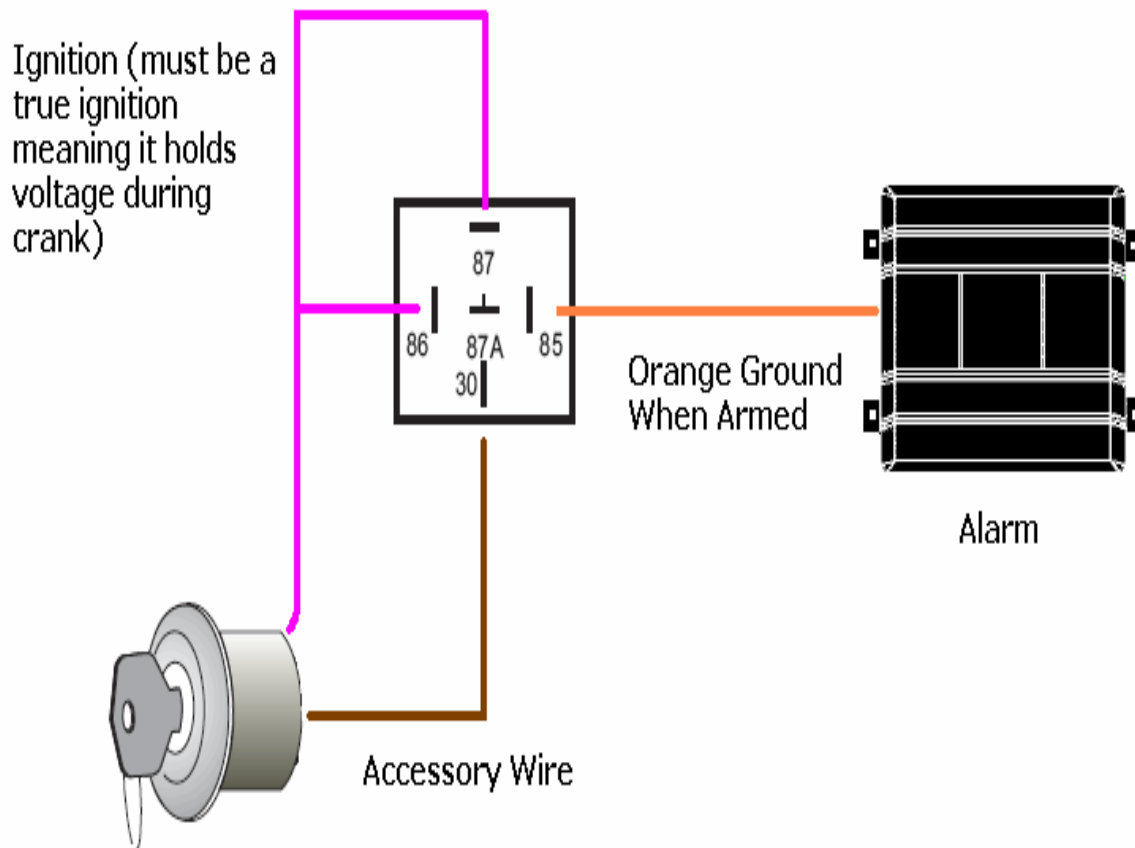
## Diagram #2



Green/White and Green/Black wires may be extended to run under the hood to disable the starter.

You can run the Ignition and GWA wires underhood and install the relay near the ECM/PCM as long as it is reasonably protected from weather or you can extend the start wire to run into the vehicle and install the relay there since the wire is low current and thin, generally about 20g.

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**Certain GM Vehicles need to see the accessory drop out in order for the vehicle to start. This relay forces the vehicles accessory circuit to see true ignition, therefore not allowing the vehicle to start. This could be used as an alternative to going under the hood and doing a true starter kill and instead keeps all of the wiring inside the vehicle.**

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