Window Control

If the windows can be closed using a key in the door of the car, see section 1 below.

If the windows cannot be closed using a key in the door and the alarm you are installing has built-in Window RollUps, see section 2.

Section 1 - Automatic Window/Sunroof Closure (requires optional relay)

If the door key can close the power windows/sunroof, you can make them automatically close upon remote arming:

1. Find the wire that shows either +12V or (-) when the key is held to lock in the door cylinder.
2. Tap a wire in to this wire and connect to terminal 30 of the relay.
3. If the wire shows (-) when the key is turned, connect terminal 87 to (-). If the wire shows +12V when the key is turned, connect terminal 87 to 12V.
4. Connect the output of the alarm that can be set to AutoActivate to terminal 85.
5. Connect +12V to terminal 86.
8. Turn on the *AutoActivate timed accessory upon remote arming* feature as noted in the installation manual for the alarm under Installer-Programmable Features.
8. Set the timer duration to proper time interval with two seconds added to that time interval.

Section 2 - Window RollUp

The instructions in this section apply to systems with the built in Window RollUp feature. If the windows can be closed using a key in the door of the car, see section 1 above.

Motor/Switch Connections

1. Turn the ignition switch to the "ON" position.
2. Access the wires at the window switch.
3. Connect a voltmeter lead to ground.
4. Connect the other voltmeter lead to a wire at the window switch and find the wire that shows 12V while pressing the window switch as if rolling the windows up.
   a. If the voltmeter reads 12 volts while pressing the "UP" side of the switch, make the connections shown in diagram A, otherwise, go to step 5.
5. Connect the (-) voltmeter lead to +12V and probe the UP wire without activating the switch.
   a. If the voltmeter reads 12 volts, make the connections shown in diagram B.
   b. If the voltmeter reads 0, make the connections shown in diagram C.

> NOTE: If the vehicle has power window switches only on the center console (no door switches), you may make the appropriate connections at the switch. If there are door switches, it is recommended that you make the connections at each motor.

If the vehicle has relay-driven motors, or one-touch switching, the connections must be made **AFTER** the controlling relay or module.

Program the Windows

Use the installer programming section in the manual for the alarm you are installing to program Window RollUps.
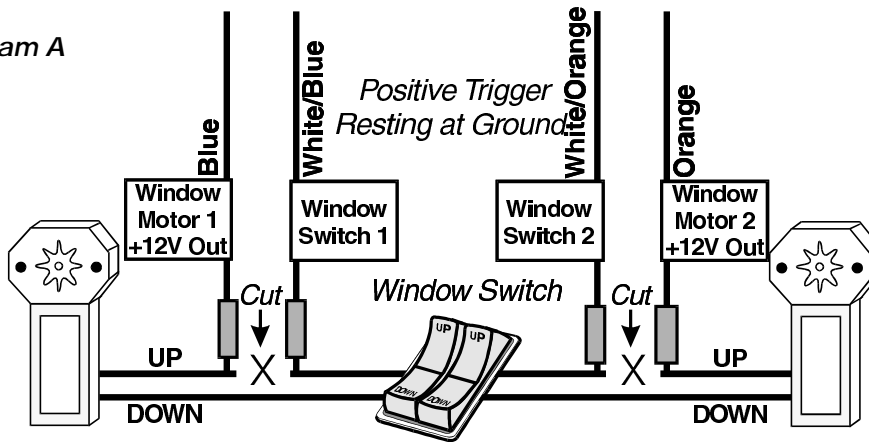
Diagram A

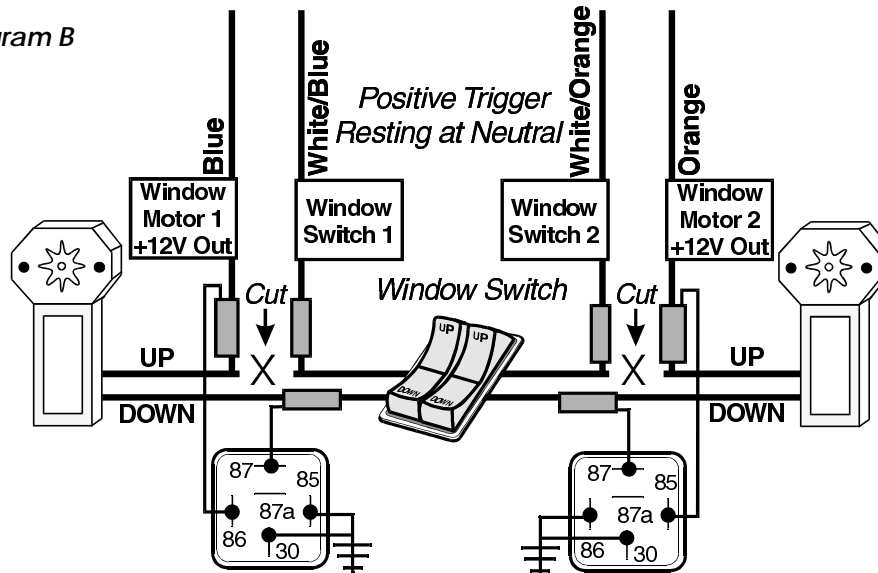**Blue**

White/Blue

Positive Trigger Resting at Ground

White/Orange

Orange

Window Motor 1 +12V Out

Window Switch 1

Window Switch 2

Window Motor 2 +12V Out

Cut

Window Switch

Cut

UP

DOWN

UP

DOWN

Diagram B

Blue

White/Blue

Positive Trigger Resting at Neutral

White/Orange

Orange

Window Motor 1 +12V Out

Window Switch 1

Window Switch 2

Window Motor 2 +12V Out

Cut

Window Switch

Cut

UP

DOWN

UP

DOWN

87   85
87a
86   30

87   85
87a
86   30

Diagram C

Blue

White/Blue

Negative Trigger Resting at +12V

White/Orange

Orange

Window Motor 1 +12V Out

Window Switch 1

Window Switch 2

Window Motor 2 +12V Out

Cut

Window Switch

Cut

UP

DOWN

UP

DOWN

87   85
87a
86   30

Cut

+12V ignition into switches