



Ian Cull's Auto-Up Circuit

V6.1 Dual Window Operation Programming Addendum

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VERSION 6.1 CHANGES

In Version 6.1 we added some new features to the windows control: the circuit can now be programmed to automatically close the driver and the passenger window at once!

Note: For those of you that already used an older version of Ian Cull's Circuit: You still can use the circuit as before. The new control features are implemented as an add-on that can be turned on/off independently.

The circuit can be programmed into one of the following control modes:

- **Mode 1:**

One touch window operation is enabled in this mode. To automatically close the driver or passenger window all you need to do is a single tap on the close switch.

A special feature of this mode is the automatic closing of driver and passenger window at the same time. This can be done by double tapping one of the window close switches.

- **Mode 2:**

This is the legacy mode with same control of the windows as in earlier versions of Ian Cull's circuit. A double tap on one of the window close switches will close that window automatically.

WINDOW CONTROL MODES

The table shows the different modes and actions associated to taping the close switches:

	Driver Window Close		Passenger Window Close	
	Single Tap	Double Tap	Single Tap	Double Tap
Mode 1	Window will drive all the way up	Both Windows will drive all the way up	Window will drive all the way up	Both Windows will drive all the way up
Mode2	No Action (Standard Manual Control)	Window will drive all the way up	No Action (Standard Manual Control)	Window will drive all the way up

Any window up movement can be interrupted by clicking the up or down switch for that window.

PROGRAMMING

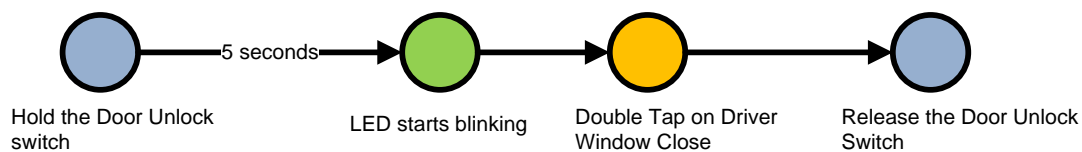
To program the window control modes hold the *Door Unlock* switch. After 5 seconds the LED will start to blink to indicate that the circuit is in programming mode. Do not release the Door Unlock switch. The module stays in programming mode while the unlock button is held.

While in programming mode, a single tap on the *Driver Window Close* switch will set Mode 1 for the driver window. A double tap will set Mode 2.

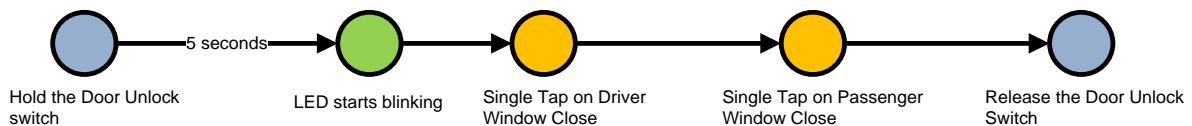
Programming the passenger window works the same way as described above. You can program both windows at the same time if you want.

EXAMPLES

Programming the driver window into Mode 2:



Programming both windows into Mode 1:



ERASING THE CONFIGURATION

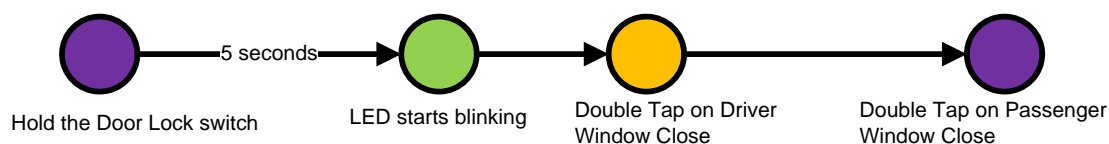
To erase the setting for a window you need to hold the *Door Lock* switch for 5 seconds. Once in erase mode the LED will start to blink. Do not release the Door Lock switch.

Now double tap the *Driver Window Close* switch. This will erase the programming for the driver window (back to factory mode).

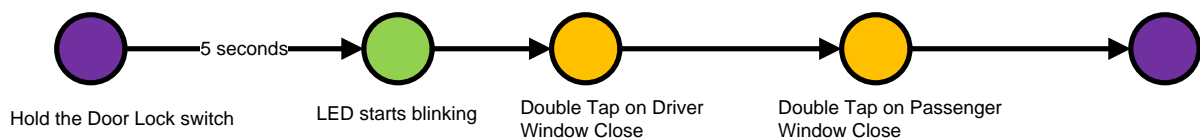
The programming for the passenger window can be erased the same way as described above. You can erase the programming for both windows at the same time.

EXAMPLES

Erasing the programming for the driver window:



Erasing the programming for the passenger window:



TRACK MODE DSC DEFEAT AND AUTO FRONT FOG LIGHTS

The 6.1 firmware update only effects window programming and operation. All other functions of the Ian Cull's Auto-Up Circuit remain. Please refer to the Set-Up and Operation Guide for instructions on their use.

CONTACT INFORMATION

Support can be obtained by contacting us via:

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E-Mail: support@fes-auto.com

Web: www.fes-auto.com/support