AUTO WINDOW CLOSER MODULE INSTALLATION
Option 1: Direct Window Motor Connection

8.1 Locate power window motor control wiring in door panels. Each motor should have two wires connected to it. Before installing this device please meter and confirm which window’s motor wire is positive and which wire is negative when closing, and both motor wires should read GND or 12V when the window’s motors is not working. If above is true then your vehicle can install this auto closer.

8.2 The No. 11-18 wires are the output of 4 built-in relays that connect to 12V or GND. Cut the wire that changes polarity when closing and connect to the each of the window motor and switches according to the wiring diagram. (Do not be concerned, window control panel switches connections are normally conducting through the unit)

8.3 Depending on polarity of your window’s motor when closing, connect No.9 and No.10 to 12V or GND. For example: If both wires of the motor are connected to GND when the motor doesn’t work, cut the positive motor wire when the window is closing and connect it to wire No.12/14/16/18. Then connect wire No.9 and No.10 to 12V. If both wires of the motor are connected to 12V when the motor doesn’t work, cut the negative motor wire when the window is closing and connect it to wire No.12/14/16/18. Then connect wire No.9 and No.10 to GND. Connect wire No.11/13/15/17 to the control panel switch.

8.4 Please note that wire No.12/14/16/18 are solid color wires that should be directly connected to the motors. Wire No.11/13/15/17 with narrow black strip color are connected to the control panel switches. Once completed all four door’s wiring, connect the window closer’s harness to the main unit and verify the original power window control panel functions. If it doesn’t work, please check the connection before connecting main unit’s power source.
Option 2: Window Switch Control Connection

8.5 If you cannot easily locate or access the power windows’ motors wirings, or if the vehicle has the original power windows auto control board with limit switch controlling the windows auto stopping, then you can use this installation option. However, you need to cut the RED OPERATION MODE WIRE (see wiring diagram) to select windows closing through panel switches. Auto window closer will output an 8-second closing signal for every window and will not detect motor current as with the first option. The window motors will be controlled to stop by the original power window control board. Please confirm vehicle has the original power window control board. If your vehicle does not have the control board, then this installation option will damage the windows’ motors.

8.6 Connect the THICK RED wire to 12V battery and the THICK BLACK wire to GND (Vehicle body). This is the main unit’s power source. Connect the BROWN (if available) wire to ACC line or a wire that is 12V when vehicle is in accessory and on-state. Connect the PURPLE wire to the WINDOWS CLOSER SIGNAL wire of the Keyless Control Unit.

8.7 When turning off and departing the vehicle, doors will automatically lock and if any windows are left open they will be closed one by one.

Note:
Option 1 installation will allow the auto window closer to monitor each motor’s current and once it senses high current feedback while windows are closing it will shut-off. This is beneficial for detecting possible situation when object gets jammed in the window while customer is not looking.

During winter weather, auto windows closing using direct motor connection (option 1) could be compromised by high resistance caused by ice on the windows.
Windows Close Signal Input
When door locking / alarm is triggered this activates Auto Window Closer Module
Connect this to "Close Window Signal" output of the Keyless Entry Module

Accessory (ACC)
Auto Window Closer Module will ignore trigger signal when input is high (12v)

12V Source
(16AWG) Black
(16AWG) Red

20A Fuse

OPERATION MODE WIRE: Control through Window Switch or Window Motor
(Please refer to Windows Closer Installation Guide)

AUTO WINDOW CLOSER MODULE
Working voltage: DC12V
Quiescent current: ≤10mA
Working temperature: -30~+60°C

Motor Polarity Bias
(Please refer to Windows Closer Installation Guide)

For FR / RR / RL windows
For FL window

Front Right Windows
Rear Right Windows
Front Left Windows
Rear Left Windows

Blue with Red connect Sunroof (Switch side)
Blue connect Sunroof (Motor side)

Diver-Side Windows Control Panel