Auto Window Closing Module

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323010500006

A. Functions Instruction

1 .When the car alarm is in arm, it will make all electric windows close which is max. 5 windows (One of them is sunroof).
2. It is suitable for both electronic control automobile electric window system and non-electronic control one.
3. There is a special sensor which feels the force of the window rolling up which stops the window rolling up while the window glass closed completely to protect every electric window motor from damaged and the battery over load.
4. The Max. time is 15 seconds for every window closed. It stops while the window glass closed completely, so it is suitable for all kinds of automobile window.
5. It is suitable for Negative and Positive Trigger which chosen by Jumper J6 on the main board.
6. Triggered Time Option: It is un-continuously Trigger off work. It will be Continuously Trigger when the Jumper I/C is off.

7. Window Glass Rolled up to the Top Detector Option: The Jumper J1/J2/J3/J4/J5 for Window 1/2/3/4/5 is OFF, that window glass rolled up to the top is not detected. This option can be chosen one window by one window.
8. There is a USA CPU insider, it works well, stable, reliable and convenient for use.
9. 2,4, 5-window closing modules can be chosen by our customers. Please install as the instruction and the installing diagram.
10. This module can be wire connected to the auto alarm with a special window closing output or the auto alarm without any window closing output as the diagrams attached shown.

B. Wire Connection Instruction

1. Black Wire: (-) connected to the negative pole of battery or the black wire from auto alarm.
2. Blue Wire: for control signal input, connected to the wire from auto alarm which there is an output (+/-) while in arm.
3. Red Wire: (+) 12 V, connected to the power (+) 12 V.

4. Yellow Wire: Relay driver output. When ignition-ON needed connect to the NO. 86 terminal of the additional relay, connect NO. 85 and NO. 30 terminals to the (+) 12 V, and connect NO. 87 terminal to the line which becomes positive when ignition-ON.
5. Brown/White, Green/White, White: Window #1 Relay Output, Wire Connection reference to the diagrams;
6. Brown/Black, Green/Black, White: Window #2 Relay Output, Wire Connection reference to the diagrams;
7. Brown/Red, Green/Red, White: Window #3 Relay Output, Wire Connection reference to the diagrams;
8. Brown/Blue, Green/Blue, White: Window #4 Relay Output, Wire Connection reference to the diagrams;
9. Brown/Yellow, Green/Yellow, White: Window #5 Relay Output, Wire Connection reference to the diagrams;

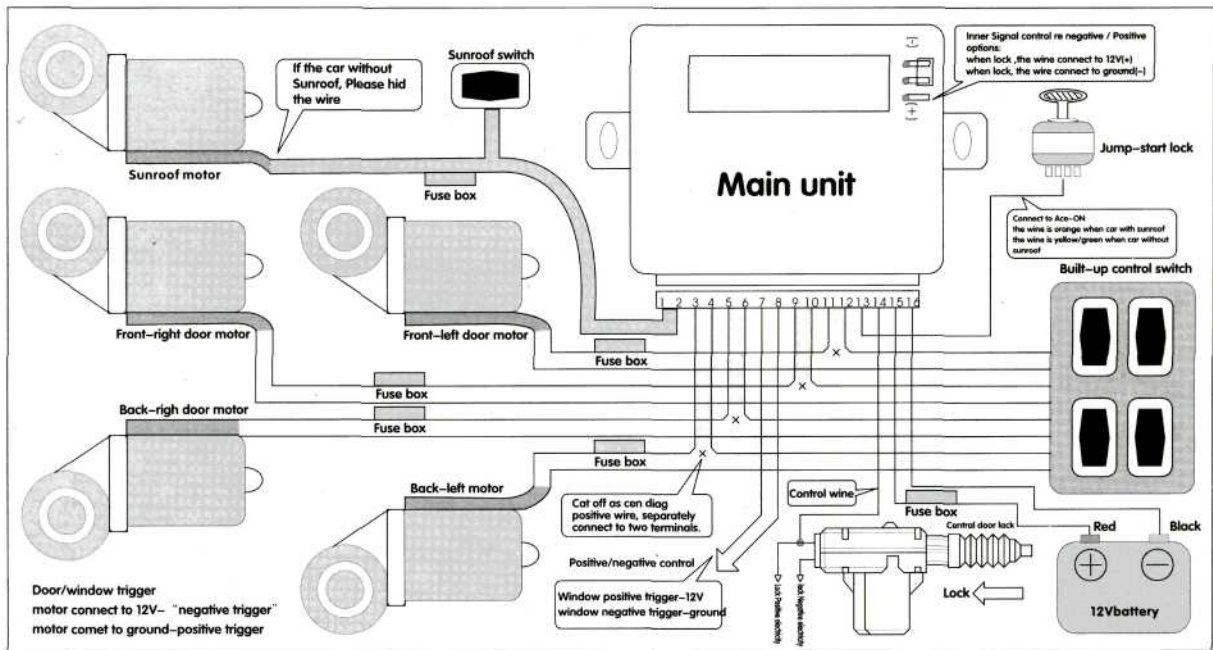## C. Specification

Power Supply: 12V Battery
Standby Current: Max. 5mA
Door Relay Output: Max. 15A
Relay Driving output: Negative
Window Quantity: Max. 5 Windows (One of them is sunroof)
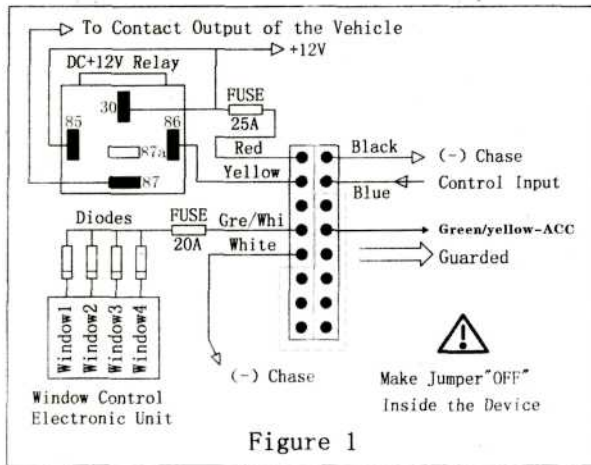Window Rolled up to the Top Time: Max. 15 Seconds

1.brown/yellow 2.green/yellow 3.green/blue 4.brown/blue 5.green/red 6.brown/red 7white 8.white 9.green/black 10.brown/black 11.green/white 12.brown/white 13.green/yellow 14.blue 15. red 16.black

Note: When connecting the wires of auto-switch, please connect the wires with fuse to motor, while connect the wires without fuse to control switch.

Window Closing System Installation Diagram

Window Control Electronic Unit,
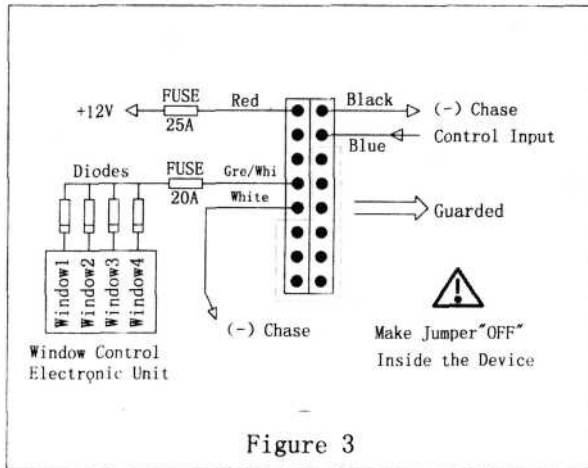**Negative Trigger,**
Contactless Window Connection

Window Control Electronic Unit,
Positive Trigger,
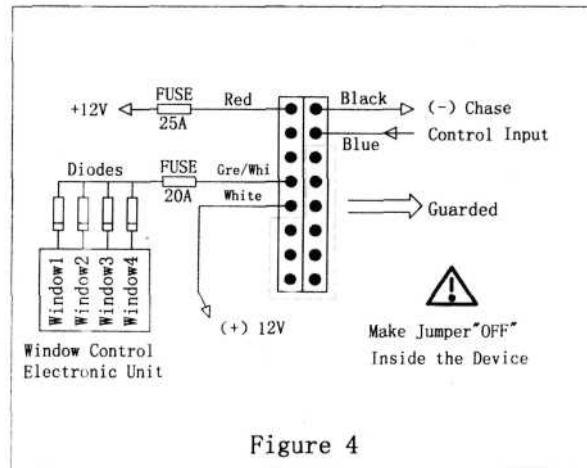**C'ontactless Window Connection**

Figure 1

Figure 2

Window Closing System Installation Diagram

Window Control Electronic Unit,
Negative Trigger,
Contactless Window Connection

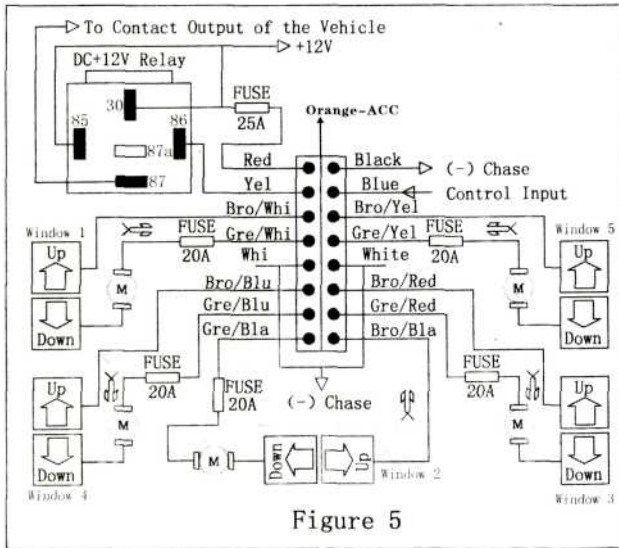Window Control Electronic Unit,
Positive Trigger,
Contactless Window Connection
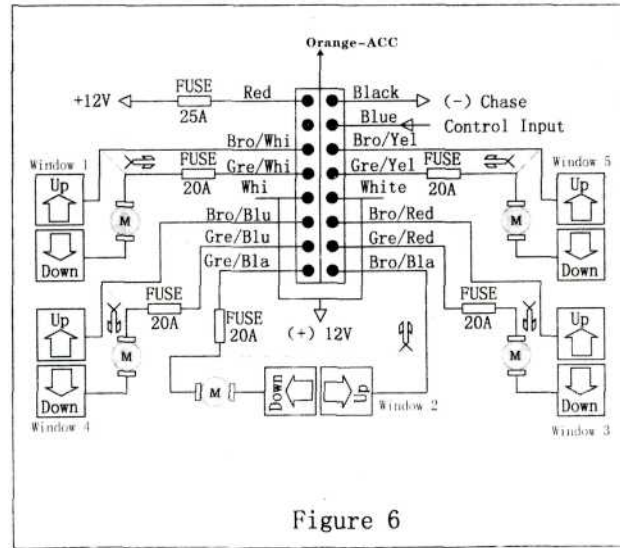

Figure 3

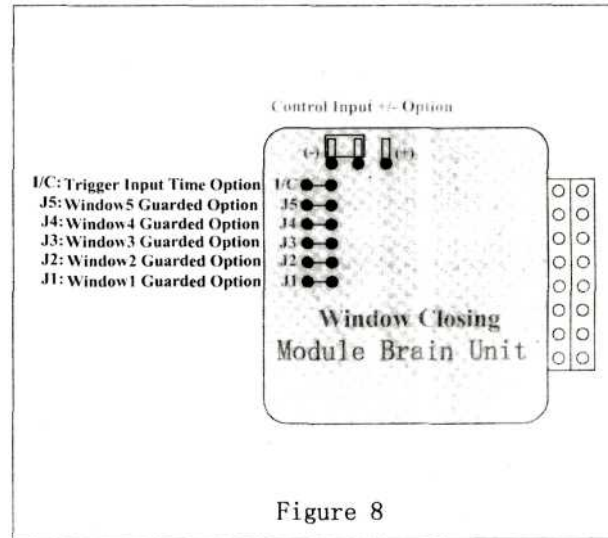
Figure 4
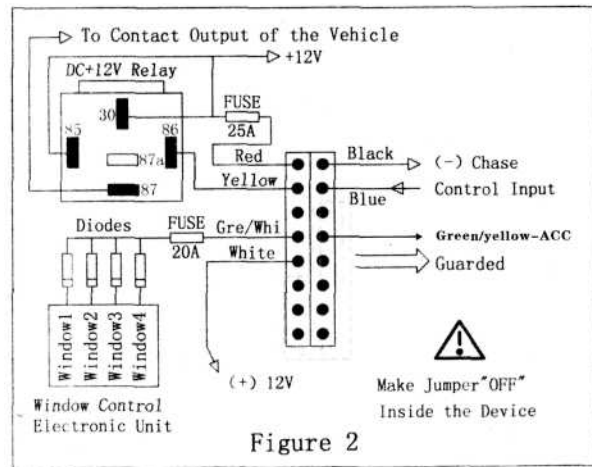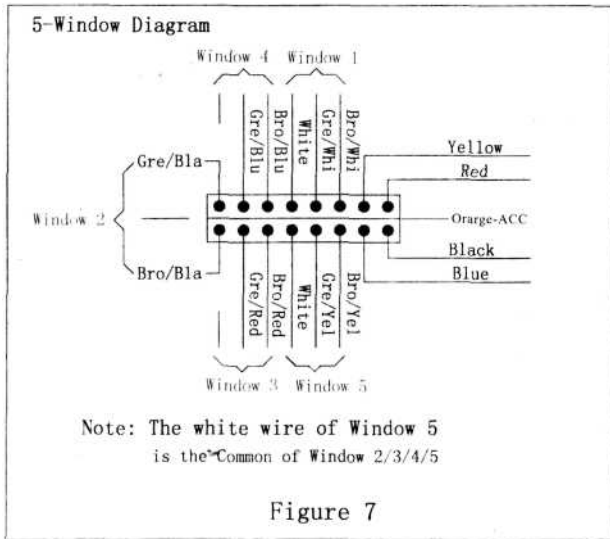
Window Closing System Installation Diagram
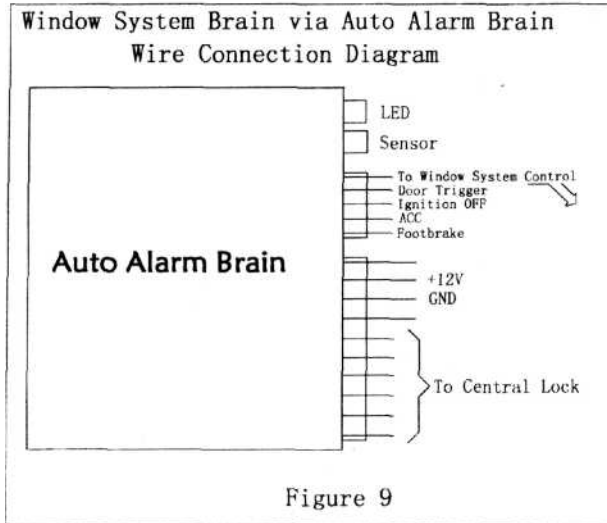
Window Control Electronic Unit,
Negative Trigger

Window Control Electronic Unit,
Positive Trigger

Figure 5

Figure 6

Window Closing System Installation Diagram

Figure 7

Figure 8

Window Closing System Control Input Diagram

Window System Brain via Auto Alarm Brain
Wire Connection Diagram

Auto Alarm Brain

LED
Sensor
To Window System Control
Door Trigger
Ignition OFF
ACC
Footbrake
+12V
GND
To Central Lock

Figure 9

Window System Brain via Auto Alarm Brain
W/O Special Socket Wire Connection Diagram

Auto Alarm Brain

LED
Sensor
Door Trigger
Ignition OFF
ACC
Footbrake
+12V
GND

To Central Lock

Orange
White — OFF
Yellow
Ora/Bla
Whi/Bla — ON
Yel/Bla

To Window
System Control

⚠ If (+) Trigger Central Lock, the Window System
Control Input (+) is chosen by Jumper.

Figure 10

Window Closing System 2/4-Window Diagram

2-Window Diagram

Window 1

White
Gre/Whi
Bro/Whi

Gre/Bla
Window 2
Bro/Bla

White

Yellow
Red

Black
Blue

Green/yellow-ACC

Figure 11

4-Window Diagram

Window 4   Window 1

Gre/Bla
Bro/Whi
White
Gre/Whi
Bro/Whi

Gre/Bla
Window 2
Bro/Bla

Gre/Red
Bro/Red
White

Yellow
Red

Black
Blue

Green/yellow-ACC

Window 3

Figure 12
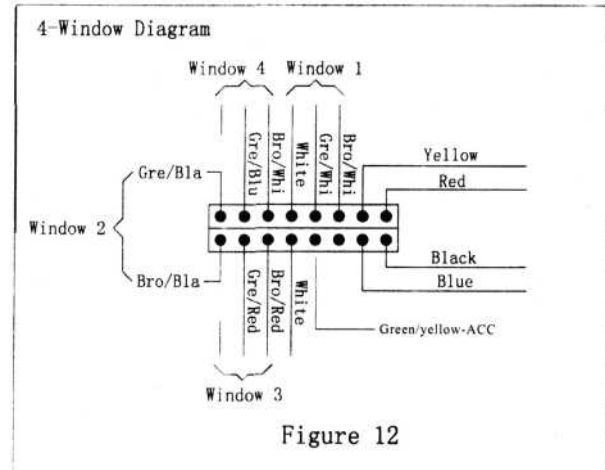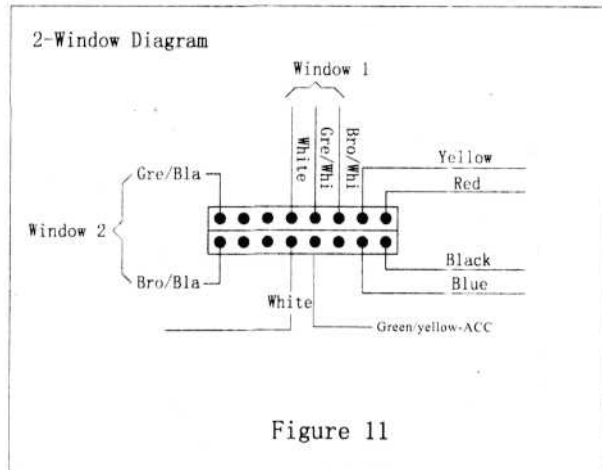
Window +/- Trigger ID — ⌈ Motor NC Wire Connected to 12V: (-) Trigger
                        ⌊ Motor NC Wire Connected to GND: (+) Trigger