


# Engine start car alarm user's manual

Model: CA006


			
In arm	Disarm	Mute arm	Start

## BUTTON OPERATION


### A. In arm:

Press the button  once to in arm the car, the siren would sound once, direction light flash once, the door will locked, then engine was cut off. Central door lock will locked as with power window rolling up automatic. Then the LED light was flashing, it means that the car enter alarm status.



### B. Disarm

Press the button  once to disarm the car, the siren would sound twice, the direction light would flash twice. the central door lock would unlocked


### C. Silent mode:


Press the button  once to in arm the car, the direction would flash once, but the siren will not sound. The central door lock would locked as with the power window rolling up automatic the engine was cut off. Then the LED was flashing, it means enter into the alarm status

### D. Engine start


Press the button  to start engine within 1.2 second, the siren would sound once. after engine start, the direction light flashing, and the air-condition was start within 20 seconds. After the engine was start, press the button  again to make the engine return back the original status.

### E. Remote threat/ car finding

1. When ACC in ON position, pressed the button  or 2s, then siren would sound continuously, direction light would flashing for 30s. After 30s, it return back the original status. Press any button to stop it.

2. Under the arming mode, press the button  once, the direction light would flashing, and siren would sound for 2s, which indicate the car location

### F. Trunk release

In disarm mode, or ACC in ON position, press the button  for 2s to release the trunk.

## FUNCTION INSTRUCTION

### A. setting in arm status

1. Press the in arm button, the siren will sound once, direction flash once, then central door will lock up automatic, with the power window rolling up also, LED was flashing. it means it enter into the alarm status, engine is cut off.

2. under the alarming status, if triggered for the first time, the siren would sound 8 times, direction light would flash 8 time also, for the seconds shock, the siren would sound lasting 30s, and flash would flash lasting 30s also.

3. Under the alarming status, if the door or ACC is triggered, systems will warning lasting for 30s. When alarming stop and within 3s, the system would return to the arming mode if the triggered stop. Otherwise, the system would warning after 3s later until the trigger is eliminated

4. Pressing any button to stop the warning. but alarm still in warning mode.

5. There are four warning state.

Alarming identification	Non-silent arming mode	Silent arming
Released via common way	Siren sounds twice&direction light flash twice	Direction light flash twice
Shock sensor triggered	Siren sounds three times&direction light flash three times	Siren sound once&direction light flash three times
Door was triggered	Siren sounds four times&direction light flash four times	Siren sound twice&direction light flash four times


### B. Setting the disarm status


Press the disarm button once, the siren would sound twice, direction light would flash twice. central door lock is unlocked.

### C. Auto alarm.


Under disarm, if the door is not opened within 25s, the door would be locked again, and system would return to arming mode.

### D. Remote threat/find the car.



When the ACC in ON position, press the  for 2s, then the siren sound continuously, direction light flash for 30s. Then the threat mode start, after 30s, it will stop and return to original mode. press any button to stop it

Under the arming mode, press the  once, then the siren sound for 2s, and direction light flashing, which indicate the car.



### E. Silent mode.

1. Under the disarm status, press the button , the direction light flash once, the door locked up, and engine is cut off. The LED flash the system enter into silent arming mode 3s later.

2. Under silent arming status, if shock sensor was triggered for the first times, the direction light flash 8 times, the siren would not sound, if the door or ACC triggered, the direction light flash for 30s, siren sound 30s also.

3. Under the silent arming mode, press the  once, the direction light flash for 2s, which indicated the car location. If press the button  once, the direction light flash 2 seconds, and siren sound for 2s also, it indicated the car location.

### F. Antihijacking mode.

When driving, the ACC in ON position, press the button  for 2s, the direction light would flash quickly, and press the lock button once within 15s, then the siren would sound loudly. it says enter into the anti-hijacking mode. then the engine flameout within 15s. Press  to free it.

### G. Central door lock automation.

1. When driving, press the button  or , the door can be opened or closed. but the system would not in arm.

2. Under disarm status, after the driver get in the car, and closed the door, then turn the ACC in ON position, and press the footbrake for 15s, the door would lock up automatic.

3. when the engine is stopped, after pull out the key, the door will be unlocked automatically.

4. If the door was not closed well, or the key is not in ON position, the door will not lock automatically.

### H. Remote engine start.

The driver can chose to start engine immediately, or start the engine when checking the condition of the car.

1. Start engine immediatly.

a. press the button  once, the siren sound once, the engine was started in 1.2s.

b. after engine started, the direction light would gleam, and the air-condition will start in 20s.

c. Under arming mode, if the engine was started, the system will detect automatic, if the door opened, engine would be closed as soon, the door locked automatic with turn light flashing and siren sound for 30s.

d. If the engine is started by remote, press the  button to enter into the car by unlocked the door.

f. If the engine is started lasting for 6 minute, siren would sound for 2s and the system would close the engine as soon, then return to original status.


2. Start the engine by checking condition of the car.

a. press the button , the siren would sound once, the direction light flash three times, then the engine start immediately.

b. after the engine start, the direction light flash, and the air-conditions was started in 20s.

c. When engine was starting, press the button  eliminate the engine, then system return to original status.

d. Under the arming mode, if the engine was started, the system would check the car, and when open the door, the engine would stop as soon then the direction light flash for 30s, and siren sound for 30s also.

e. when engine was started, press the  to unlock the door.

f. If the car can not start at the beginning, or the engine was closed. the system would check the car automatic and re-start the engine again.



G. the engine was started after 6 minute, the siren would sound for 2s , the system will eliminate the engine and return back the original mode.  
 Note: when the handbrake had not pulled or handbrake is not in neutral gear, the siren will sound twice to indicate the car is under the exceptional condition, and the system can't work as normal.

The car can only start engine for 5 times, after the sixth times, it can not start it and siren sound for two time to indicate.

I. LED indicate.

Gleamly slow	Arming, emergency, help, and anti-hijacking
Lasting light	Under auto alarm mode
Light death	Disarm mode

**J. Dome light delay time.**

When disarm, the dome light will be on 30s to let the driver to check the situation of the car inside.

**K. Door unclosed well warning.**

When the driver in arm the car, if the door not closed well, the siren would sound once and direction light gleam 3 times, that says the door not closed well. Then closed the door well, and system enter into alarm mode

L. Under alarming status, press the button and continuacely for 2s, then the siren would sound once, it says to closed the shock sensor and ultrasonci sensor. if the siren sound twice, it says to open the shock sensor and ultrasonic sensor.

**M. Remind to in arm the car.**

When driver park the car but forgot to in arm the car, after 10s, the siren would sound 3 times, which reminds the driver to in arm the car.

**N. Ultrasonic sensor detect.**

Under the arming status, if someone get in the car, the ultrasonic will detect, then the system would warning, direction light flash 30s, and the siren sound for 30s also. If the trigger still not be eliminated, the system warning again after 3s until the trigger stop.

**O. Remind to lock the door.**

1. When the driver want to start the car, and ACC did not trun to ON position, if the door not closed well, then the direction would gleam for 30s to remind the driver to closed the door well.

2. When the driver want to start the car, and ACC had turn to ON position, and if the door not closed well, then the direction light would gleam for all the times unit the door closed good.

**P. Power window rolling up automatic**

Press the in arm button once, the system will give a 500mA negative signal output for 1s, which the power window will rolling up whenever drive the car of stop car.

**Q. Learning code:**

Under disarm mode, turn the key From ACC ON to OFF for 5 times within 2s, and stop on ON position, then the siren would sound once, which indicate the system get in the learn code mode. then press the button to learn the first remote within 10s, the system would sound once. and so forth. It can learn code for 4 remotes.

You can learn the code at any time within 10s, if the remote can not get the new code within 10s, the system would exit the learning status. And the siren lasting sound once.

Note:

1. during the process of the learning code, closed the key or without any operation on the remote within 10s, the system will exit the process.

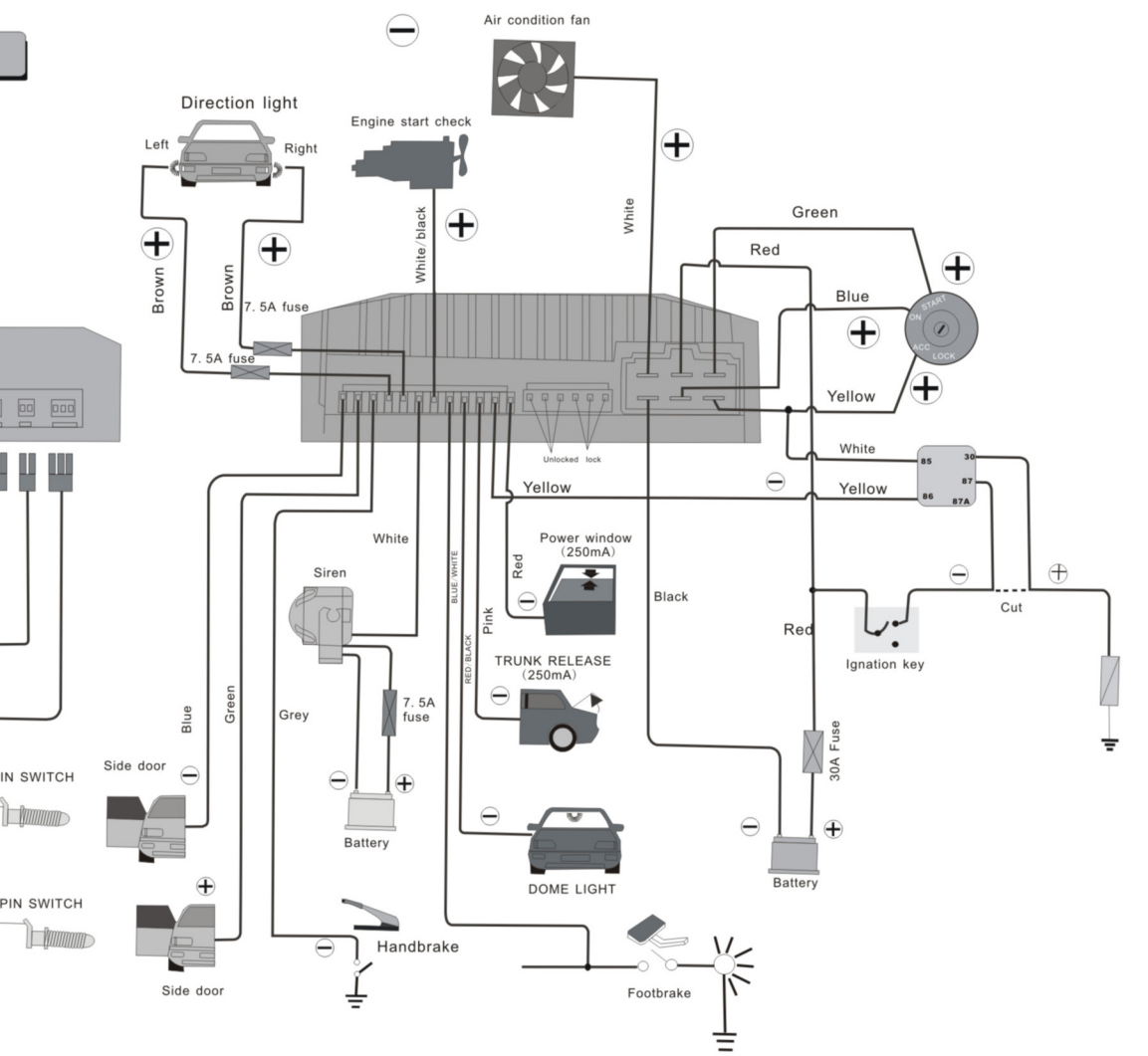
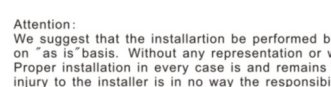
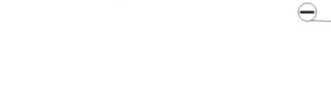
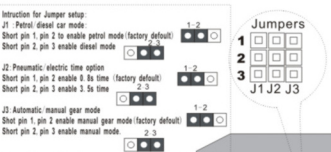
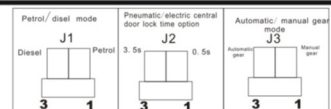
At the same time, the siren would sound once to indicate

2. the system will eliminate the original code . so when the driver learn code, please make sure all remote can be used.

**S. Overrid and reset switch**

If the user lose the remotes, you can force to open the door with a key and turn the ACC from ON to OFF position for 5 times. After the siren sound 3time, the system can be disarm.

**Wiring Diagram:**



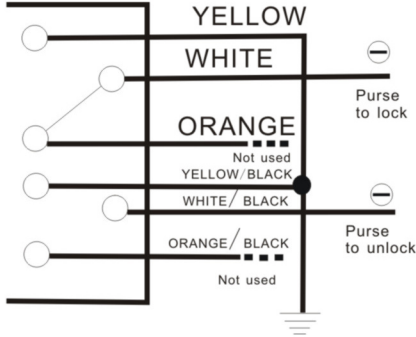
Attention: We suggest that the installation be performed by a certified and trained installation technician, professional installation is a requirement to obtain full warranty. This wiring information is being provided free of charge and on an "as is" basis. Without any representation or warranty to the products being installed. It is your responsibility to insure proper installation. Proper installation in every case is and remains the responsibility of the installer. We had assumed no responsibility resulting from an improper installation, even in reliance upon this information. Any harm or injury to the installer is in no way the responsibility of manufacturer. Any damage to the vehicle during installation or after installation is not responsibility f the manufacturer.

# Central door lock diagram

**Diagram A**  
Negative locking

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

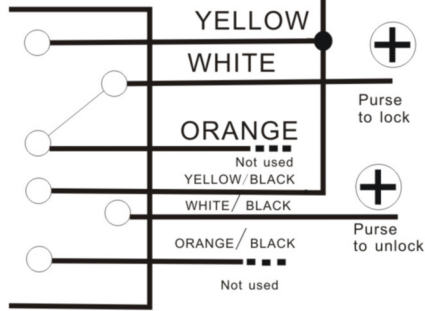
Internal alarm relays



**Diagram B**  
Positive locking

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

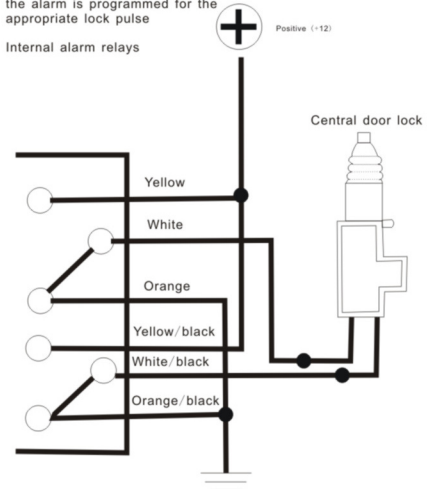
Internal alarm relays



**Diagram C**  
Single point locking

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

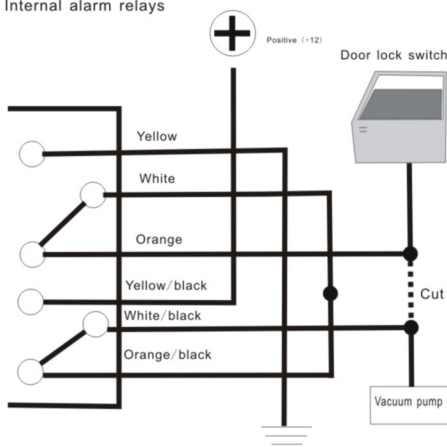
Internal alarm relays



**Diagram D**  
Vacuum locking

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

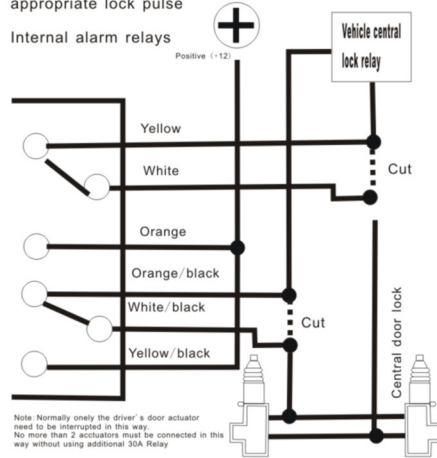
Internal alarm relays



**Diagram E**  
Actuator interrupt (negative at rest)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays



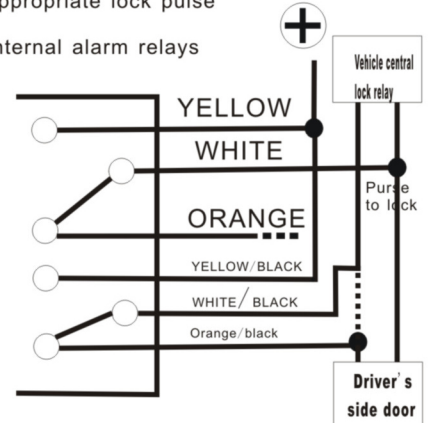
Note: Normally only the driver's door actuator need to be interrupted in this way. No more than 2 actuators must be connected in this way without using additional 30A Relay

**Diagram G**

Positive locking with comfort closing VW Golf vehicles only

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

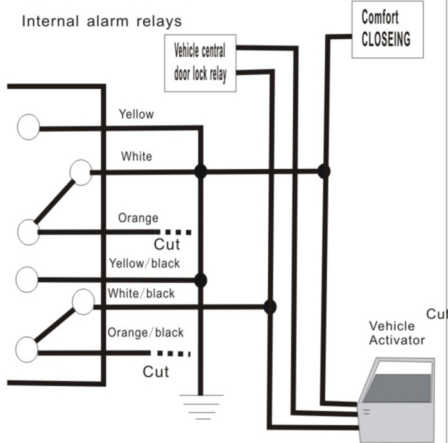
Internal alarm relays



**Diagram F**  
Negative locking with comfort closing vauxhall vehicles only

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

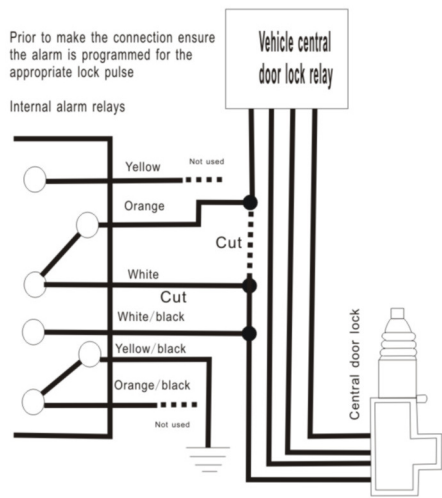


**Diagram H**

Single wire-negative to unlock, interrupted to lock

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

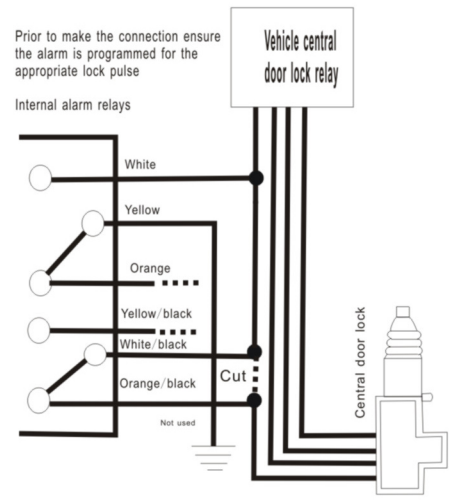


**Diagram I**

Single wire-negative to unlock, interrupted to unlock

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays



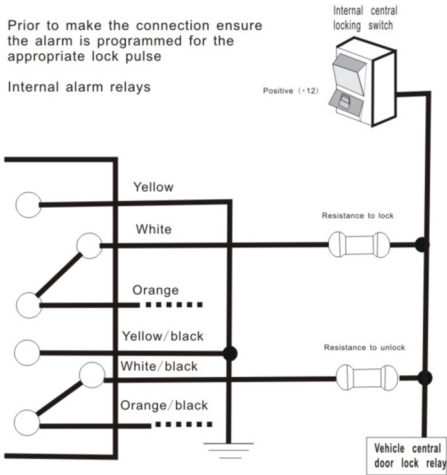
# Central door lock diagram

## Diagram L

Central locking control resistive negative  
(type CHRYSLER VOYAGER)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

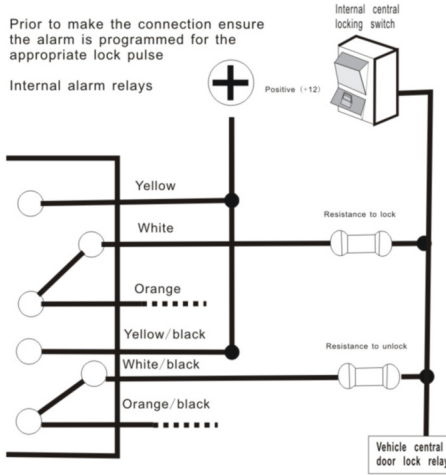


## Diagram M

Central locking control resistive positive  
(type CHRYSLER status)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

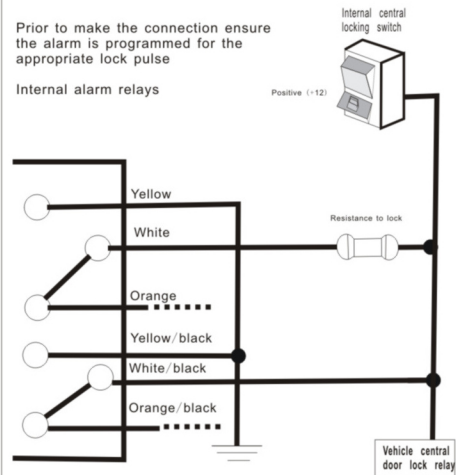


## Diagram N

Central locking control resistive negative LOCK ONLY  
(type MERCEDES)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

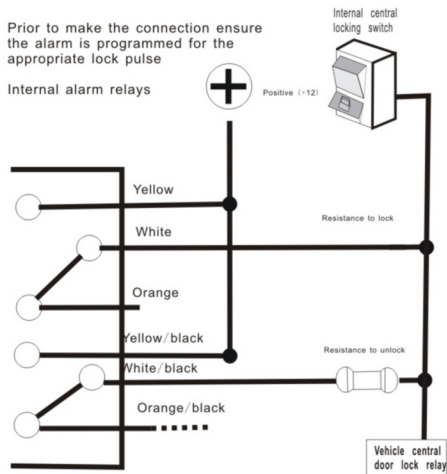


## Diagram O

Central locking control resistive positive  
(type CHRYSLER status)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

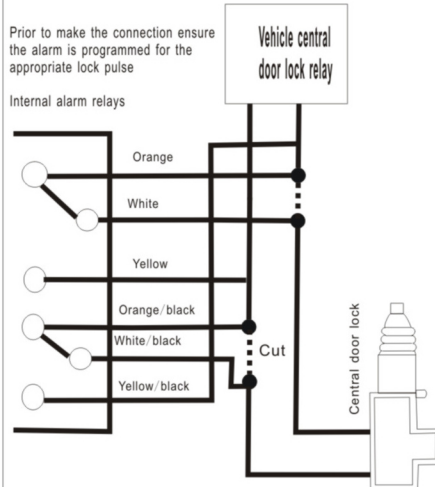


## Diagram Q

Central locking control actuator switch interrupt (negative at rest) (Type Honda)

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

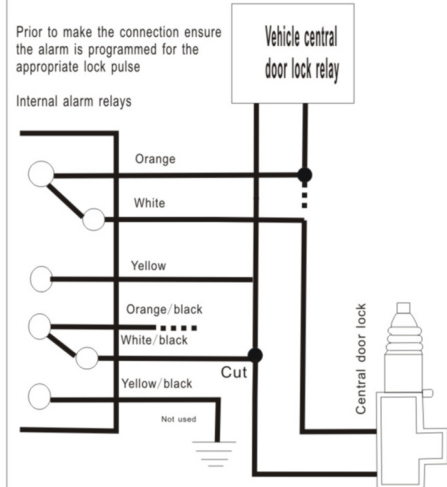


## Diagram R

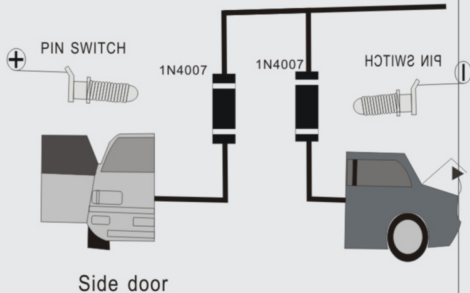
Central locking control negative unlock input switched interrupt to lock

Prior to make the connection ensure the alarm is programmed for the appropriate lock pulse

Internal alarm relays

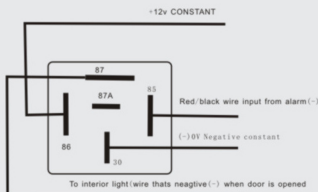


## Bonnet and door protection

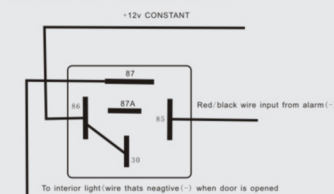


## Interior light supervision relays

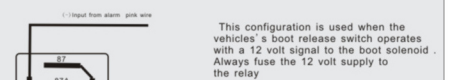
FOR NEGATIVE INTERIOR LIGHT



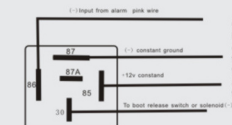
FOR POSITIVE INTERIOR LIGHT



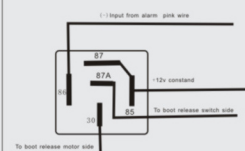
## Boot release configurations



This configuration is used when the vehicles' boot release switch operates with a 12 volt signal to the boot solenoid. Always fuse the 12 volt supply to the relay



Configuration is used when the vehicles' boot release switch operates with a high current ground output, the ground output from your unit may not be sufficient to trigger the switch and relay must be added and wired in this manner. Always fuse the 12 volt supply to the relay



This configuration is used when the output from the vehicle's boot release switch restate ground and a 12 volt pulse cannot be applied directly to the wire. Always fuse the 12 volt supply to the relay