

*Remote
Engine Start*

RightCLICK

CAR ALARM SYSTEM

Model: ALxxxRENG

Installation Manual

NOTE: This product is intended for installation by a professional installer only!
Any attempt to install this product by any person other than a trained professional
may result in severe damage to a vehicle's electrical system and components.

This Instruction Manual Is Important.
Please Read It Before Installing The Unit

Contents

Installation Point To Remember, Deciding On Component Locations, Locations For The Siren, Locations For The Control Module (Main Black Box)	page 3
Antenna Position - Mounting the antenna, Locations For Shock Sensor, Locations For The Ultrasonic Sensors - (OPTIONAL)	page 4
Locations For The Status LED, LOCATIONS FOR THE IMMOBILISER RELAY - starter kill relay, Finding The Wires You Need, Obtaining Constant 12v, Finding The 12v Switched Ignition Wire - ON	page 5
Finding The Starter Wire - START, Finding The Accessory Wire - ACC	page 6
Finding The Door Pin Switch Circuit, Making Your Wiring Connections	page 7
Wiring Diagram	page 8
C1-12 Pin Connector	page 9
C2-6 Pin Connector, Immobiliser Relay Connection Guide	page 10
Jumpers Setting	page 11
Bonnet and Door Protection, Interior Light Supervision Relays, Boot Release Configurations	page 12
Central Locking Types	page 13
Installation Reference	page 15

Installation Point To Remember

This product represents many years of research and development. It is very sophisticated and should be installed by experienced security installers only. Please do not attempt installation of this product without reading this guide. The system has been designed to provide the ultimate in security, coupled with limitless convenience and expansion options.

Do not disconnect the battery if the vehicle has an anti-theft coded radio. If equipped with an air bag, avoid disconnecting the battery if possible.

IMPORTANT! Many airbag systems will display a diagnostic code through their warning light after they lose power. Disconnecting the battery requires this code to be erased, a procedure that can require a trip to the dealer.

Deciding On Component Locations

Locations For The Siren

Some things to remember about mounting the siren:

- Keep it away from heat sources, such as radiators, exhaust manifolds, turbochargers and heat shields.
- Mount it where a thief cannot easily disconnect it, whether the hood is open or shut. Both the siren and its wires should be difficult to find. This usually involves disguising the wire to look like a factory harness.
- We recommend against grounding the siren to its mounting screws. Instead, we recommend running both the red and black wires into the passenger compartment and grounding to one common point for all devices. After all, both wires are the same length and come already bonded together. Whenever possible, conceal your wires in the factory harnesses or in the same style loom as the factory.
- When possible, place the siren on the same side of the vehicle as the control module, where its wires will reach the control module's wires without extending them. Always run the wires through the centre of a grommet, never through bare metal!
- Point the siren down so water does not collect in it.

Locations For The Control Module (Main Black Box)

Some things to remember about where to mount the control module:

- Never put the control module in the engine compartment!
- The first step in hot wiring a vehicle is removing the driver's side under-dash panel to access the starter and ignition wires. If the control module is placed just behind the driver's side dash it can easily be disconnected.
- When mounting the control module, try to find a secure location that will not require you to extend the harness wires. Keep it away from the heater core (or any other heat sources) and any obvious leaks.
- The higher the control module is in the vehicle, the better the transmitter range will be. If you put the control module under a seat or inside a metal dashboard, range will suffer.
- Some good control module locations: above the glove box, inside the centre console, above the under dash fuse box, above the radio etc.

Antenna Position - Mounting the antenna

The antenna position should be discussed with the vehicle's owner prior to installation, since the antenna may be visible to the vehicle's operator. The best location for the antenna is centered high on either the front or rear windshield. For optimal range, the antenna should be mounted vertically. It can be mounted horizontally in relation to the windshield or under the dashboard away from metal, but range will be diminished. Metallic window tint can also affect range, so this should be a consideration when determining the mounting location.

After determining the best mounting location, follow these steps:

- The position and location of the antenna will affect the remote control range.
- route the antenna wire away from the control unit keeping the antenna as far away from metal as possible. Avoid running the antenna along any wire harnesses.
- Clean the mounting area with a quality glass cleaner or alcohol to remove any dirt or residue.
- Mount the antenna using double-sided tape.
- Do not shorten or lengthen the antenna.

IMPORTANT! To achieve the best possible range, DO NOT leave the antenna cable bundled under the dash. Always extend the cable full length during installation, regardless of the antenna mounting location.

Locations For Shock Sensor

Some things to remember about where to mount the shock sensor:

- Never put the shock sensor in the engine compartment!
- Find a spot close to the control module so that the wires do not need to be extended. Keep it away from the heater core (or any other heat sources) and any obvious leaks.

How the shock sensor is mounted is the most important factor in its performance. We recommend two methods:

- Using double-sided tape or hook-and-loop fastener to mount to a trim panel or an air duct,
OR
- Wire-tying to a wire harness.

If mounting the sensor where it cannot be easily reached for adjustment, hook-and-loop fastening tape (such as Velcro) is recommended for ease of removal for future adjustments.

NOTE: In many vehicles, tying the sensor to a steering column or screwing it to metal will result in poor sensitivity, especially at the rear of the vehicle.

Locations For The Ultrasonic Sensors - (OPTIONAL)

The (optional) Ultrasonic cells should be placed on the left and right side as high as possible so to obtain the best performance.

Inappropriate adjustment for the Ultrasonic sensor may let to a false alarm. To prevent the false alarm, make sure the sensibility of ultrasonic sensor is in an appropriate degree. An over adjustment is usually the main reason to cause false alarm.

Locations For The Status LED

Things to remember when positioning the Status LED:

- It should be visible from both sides and the rear of the vehicle, if possible.
- It needs at least 1/2-inch clearance to the rear.
- It is easiest to remove a small panel, such as a switch blank or a dash bezel, before drilling a 9/32-inch hole.
- Use quick-disconnects near the LED wires if the panel is removable. This lets mechanics or other installers remove the panel without cutting the wires.

LOCATIONS FOR THE IMMOBILISER RELAY - starter kill relay

If Immobiliser relay or its connections are immediately visible upon removal of the under-dash panel, they easily can be bypassed. Always make the relay and its connections difficult to discern from the factory wiring! Exposed yellow butt connectors do not look like factory parts, and will not fool anyone! For this reason, routing the Immobiliser relay wires away from the steering column is recommended.

Finding The Wires You Need

Now that you have decided where each component will be located, you're going to find the wires in the car that the security system will be connected to.

IMPORTANT! Do not use a 12V test light or logic probe (computer safe test light) to find these wires! Use a digital multimeter for all testing..

Obtaining Constant 12v

We recommend two possible sources for 12V constant: the (+) terminal of the battery, or the constant supply to the ignition switch. Always install a fuse within 12 inches of this connection. If the fuse also will be powering other circuits, such as door locks, a power window module, headlight control system, etc., fuse accordingly.

Finding The 12v Switched Ignition Wire - ON

The ignition wire is powered when the key is in the run or start position. This is because the ignition wire powers the ignition system (spark plugs, coil) as well as the fuel delivery system (fuel pump, fuel injection computer). Accessory wires lose power when the key is in the start position to make current available to the starter motor.

How to find (+) 12v ignition with your multimeter:

1. Set to DCV or Dc voltage (12v or 20v is fine).
2. Attach the (-) probe of the meter to chassis ground.
3. Probe the wire you suspect of being the ignition wire. The steering column harness or ignition switch harness is an excellent place to find this wire.
4. Turn the ignition key switch to the run position. If your meter reads (+)12v, go to the next step. If it doesn't, probe another wire.
5. Now turn the key to the start position. The meter display should stay steady, not dropping more than a few tenths of a volt. If it drops close to or all the way to zero, go back to Step 3. If it stays steady at (+) 12v, you have found an ignition wire.

Finding The Starter Wire - START

The starter wire provides 12V directly to the starter or to a relay controlling the starter. In some vehicles, it is necessary to power a cold start circuit. A cold start circuit will test exactly like a starter circuit, but it does not control the starter. Instead, the cold start circuit is used to prime the fuel injection system for starting when the vehicle is cold.

How to find the starter wire with your multimeter:

1. Set to DCV or DC voltage (12V or 20V is fine).
2. Attach the (-) probe of the meter to chassis ground.
3. Probe the wire you suspect of being the starter wire. The steering column is an excellent place to find this wire. Remember you do not need to interrupt the starter at the same point you test it. Hiding your starter kill relay and connections is always recommended.
4. Turn the ignition key switch to the start position. Make sure the car is not in gear! If your meter reads (+)12V, go to the next step. If it doesn't, probe another wire.
5. Cut the wire you suspect of being the starter wire.
6. Attempt to start the car. If the starter engages, reconnect it and go back to Step 3. If the starter does not turn over, you have the right wire.

Finding The Accessory Wire - ACC

An accessory wire will show +12V when the key is in the accessory ACC and run ON positions. It will not show +12V during the cranking cycle. There will often be more than one accessory wire in the ignition harness. The correct accessory wire will power the vehicle's climate control system (heating/air conditioning system). Some vehicles may have separate wires for the blower motor and the air conditioning compressor.

How to find the 12v accessory wire with your multimeter:

1. Set meter to DC voltage.
2. Attach the (-) probe of the meter to chassis ground.
3. Probe the wire you suspect of being the accessory wire with the (+) probe. The steering column harness or ignition harness is an excellent place to find this wire.
4. Turn the ignition key to the accessory and then the run position. If your meter reads 12V on each, go to the next step.
5. Turn the key to the start position. The meter should drop to zero. If it does, this is the correct wire.

Finding The Door Pin Switch Circuit

The best places to find the door switch wire are:

- At the pin switch: when testing the pin switch, check wire to ensure that it "sees" all the doors. Often, the passenger switch will cover all the doors even if the driver's switch will not.
- At the dome light: this may not be your best choice if the vehicle has delayed dome light supervision, but it will work in many Hondas, or any vehicle with completely diode-isolated pin switches.

Once you have determined the wire colour, the easiest place to connect to the wire is often at the kick panel, at the windshield pillar, or in the running board. When an easy location is not available, running a wire to the dome light itself is often best solution.

How to find a door pin switch trigger wire with multimeter:

1. Set to DCV or Dc voltage (12v or 20V is fine).
2. In most Fords, fasten the (-) probe of the meter to chassis ground. In most other cars, fasten the (+) probe of your meter to (+) 12v contant.
3. Probe the wire you suspect of being the door trigger wire. If the meter reads (+) 12v when any door is opened, you have found a trigger wire..

NOTE: Make sure the wire you use "sees" all the doors! Some newer GM vehicles lack standardtype pin switches. The dome light in these vehicles is turned on when the door handle is lifted. These usually have a blue/white or white wire coming out of the door into the kick panel which will provide a (-) trigger for all doors. Some GM vehicles (some Cavaliers, Grand Ams, etc.) have a yellow wire coming out of the door which provides a (+) door trigger.

Making Your Wiring Connections

Before making your connections, plan how your wires will be routed through the vehicle. In order to keep the wiring neat and make it harder to find, you may wish to wrap these wires in electrical tape or conceal them in tubing similar to what the manufacturer used.

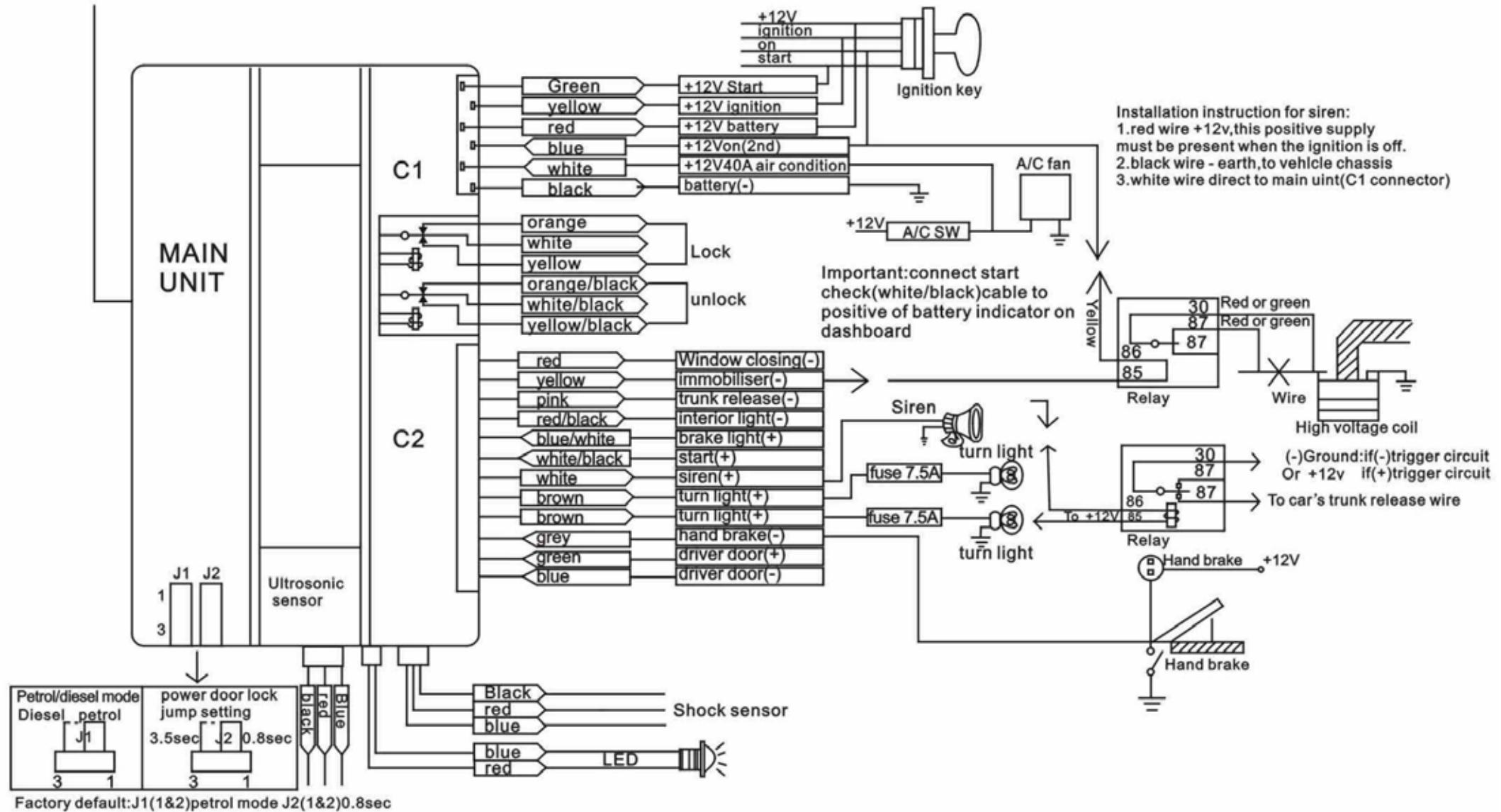
There are two acceptable ways of making a wire connection - solder connections and crimp connectors. When properly performed, either type of connection is reliable and trouble-free. Regardless of whether you solder your connections or you use mechanical-type crimp-on connections, ensure that all connections are mechanically sound and that they are insulated.

Cheap electrical tape, especially when poorly applied, is not a reliable insulator. It often falls off in hot weather. Use good-quality electrical tape or heat shrink.

- Never twist-and-tape the wires together without soldering.
- Never use "fuse taps", as they can damage fuse box terminals.

If you use tapping connectors such as 3M T-Taps (not to be confused with Scotch-Locks), avoid using them in higher-current applications (constant 12V, ground, etc.). Some tapping connectors are inferior in quality and should be avoided.

remote engine start car alarm system



C2-12 Pin Connector

This guide describes in detail the connection of each wire. Also included are possible applications of each wire. This system was designed with the ultimate in flexibility and security in mind. Please read the instructions carefully to ensure a thorough understanding and how it operates; also see wiring diagram of ALxxx-RENG.

BLUE WIRE:

Negative Door Input (-). Connect to the Driver door pin switch circuit wire that shows ground (-) when the door is open.

Note: Nearly all cars have negative door input. Consult owner manual for polarity.

GREEN WIRE:

Positive Door Input (+). Connect to the driver door pin switch circuit wire that shows +12v when the door is open.

Note: Consult owner manual for polarity.

GREY WIRE:

Negative Hand Brake Input (-). Connect to the hand brake. If the hand brake is not in pull position, remote engine start will not function.

BROWN WIRE:

Positive Hazard Light Output (+). Connect the brown wire to the circuit that shows +12v or only when the hazard lights are on. Right hazard light.

BROWN WIRE:

Positive Hazard Light Output (+). Connect the brown wire to the circuit that shows +12v or only when the hazard lights are on. Left hazard light.

WHITE WIRE:

Positive Siren Output (+). Connect the white wire to the siren of white wire.

WHITE/BLACK WIRE:

Positive Input (+). Connect the white/black wire to ignition positive when engine on. This signal is used as to confirm whether engine started, can connect to the tachometer line, or oil light or charging battery line.

BLUE/WHITE WIRE:

Positive Input (+). Connect the blue/white wire that shows +12v when pressing the foot brake.

RED/BLACK WIRE:

Negative Output (-). 250mA Interior Light. Connect to the wire that activates the vehicle's interior light.
NOTE: MUST USE RELAY (not supplied).

PINK WIRE:

Negative Output (-). 250mA Boot Release. Connect to the boot release motor.

NOTE: MUST USE RELAY (not supplied).

YELLOW WIRE:

Negative Output (-) 250mA Immobiliser. Connect the yellow wire to yellow wire to immobiliser relay.

RED WIRE:

Negative Output (-). 250mA Window Closer. 30 second negative output.

NOTE: MUST USE window closer module (optional extra).

C1-6 Pin Connector

BLACK WIRE:

Ground Input (-). The black wire must connect to a solid chassis ground. Clean away any paint or dirt to ensure the best possible ground.

BLUE WIRE:

Second Ignition Output (+). The blue wire provides +12v for second ignition wire.

YELLOW WIRE:

Ignition Output (+). Connect to the main ignition wire that provides +12v when the ignition is on and while cranking the starter. Also, when ignition is off, this wire should not show any voltage (0v).

GREEN WIRE:

Starter Output (+). Connect to the vehicle's starter wire.

RED WIRE:

Main Power Input (+). Connect to the battery or constant power wire at the ignition switch with a minimum 25 amp supply.

WHITE WIRE:

Accessory Output (+). Connect to the accessory wire coming from the ignition switch that supplies power to the heater/air conditioner.

Immobiliser Relay Connection Guide

YELLOW WIRE:

Connect to yellow wire of alarm system C2 connector (pin 11).

WHITE WIRE:

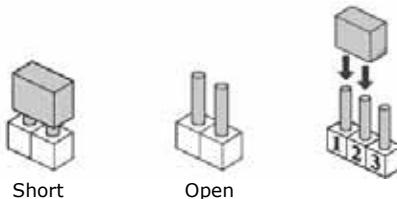
Connect to first accessory of ignition switch (+12v).

2 x GREEN WIRES:

Normally closed, can be connected to starter motor, positive side of coil, for diesel car fuel pump. See wiring diagram for guidance.

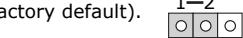
Jumpers Setting

The illustration shows how the jumpers are set up. When the jumper cap is placed on the pins, the jumper is 'SHORT'. If no jumper cap is placed on the pins, the jumper is 'OPEN'. The illustration shows a 3-pin jumper whose pin 1 and pin 2 are 'SHORT' when jumper cap is placed on these 2 pins.



J1 Petrol / Diesel Mode:

Short pin 1, pin 2 to enable petrol mode (factory default). 1–2



Short pin 2, pin 3 to enable diesel mode. 2–3



J2 Central Door Locking Time Selector:

Short pin 1, pin 2 to enable 0.8 seconds (factory default). 1–2



Short pin 2, pin 3 to enable 3.5 seconds. 2–3

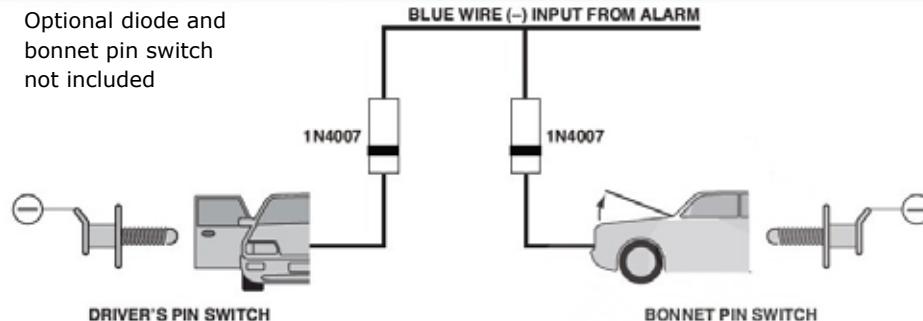


ATTENTION: We always suggest installation be performed by a certified and trained installation technician, professional installation is a requirement to obtain full warranty. This wiring information is being provided free of charge and on an 'as is' basis, without any representation or warranty to the products being installed. It is your responsibility to insure proper installation. We assumes no responsibility with regards to the accuracy or currency of this information.

Proper installation in every case is and remains the responsibility of the installer. We assumes 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 ours. Any damage to the vehicle during installation or after installation is not the responsibility of ours.

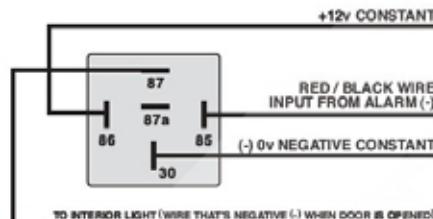
Bonnet and Door Protection

Optional diode and
bonnet pin switch
not included

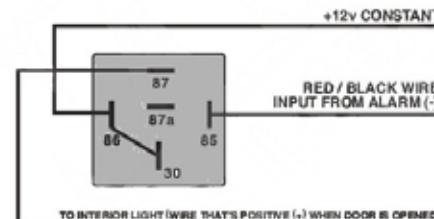


Interior Light Supervision Relays

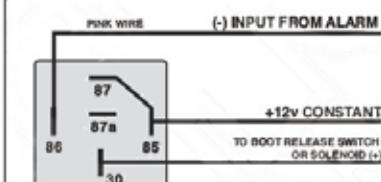
For negative interior light



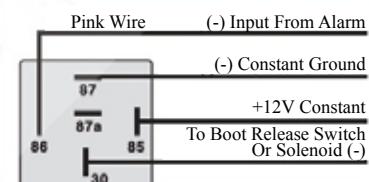
For positive interior light



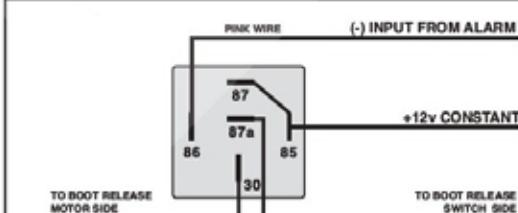
Boot Release Configurations



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

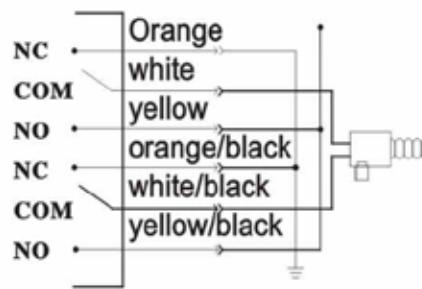
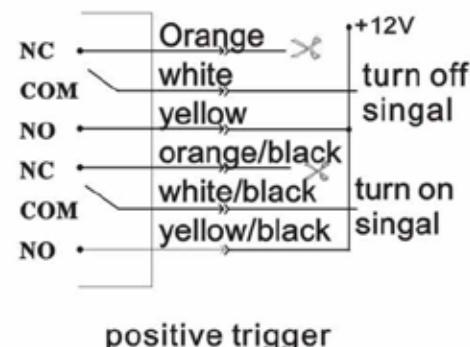
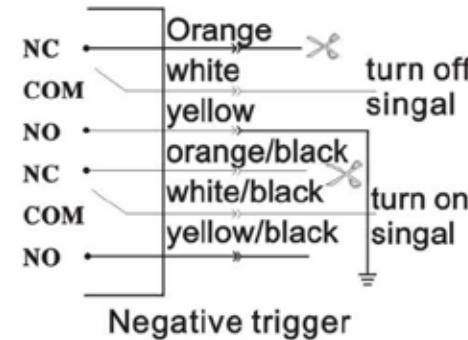
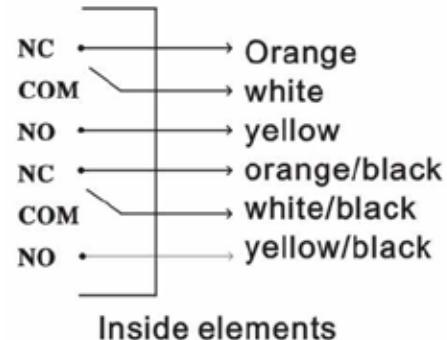


This configuration is used when the vehicle's boot release switch operates with a high current ground output. The ground output from your unit may not be sufficient to trigger the switch and a relay must be added and wired in this manner. Always fuse the 12 volt supply to the relay.



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

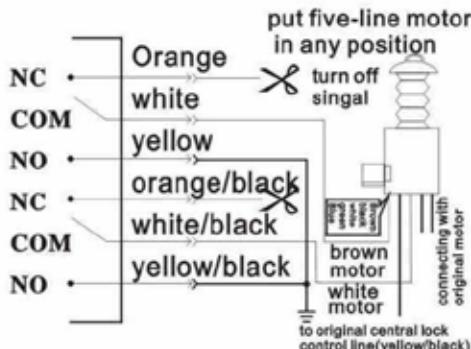
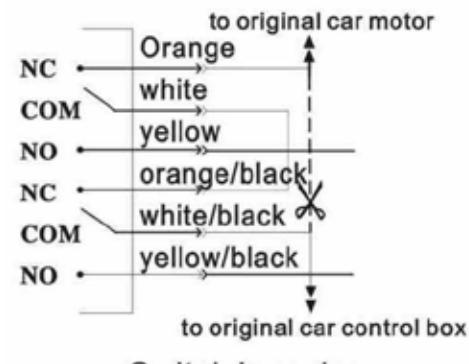
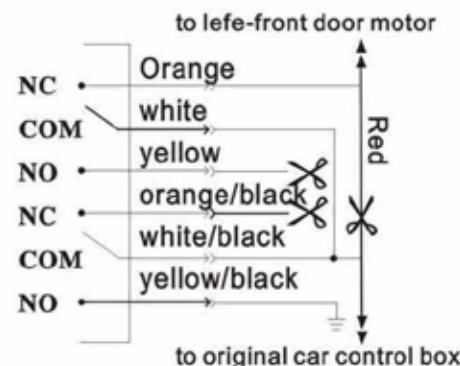
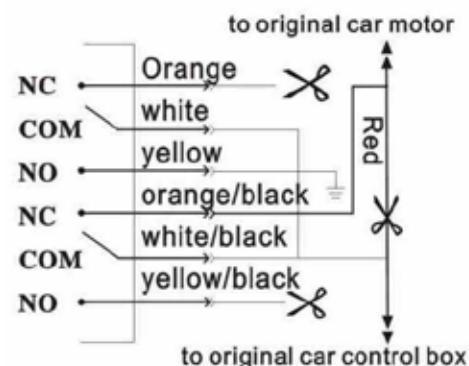
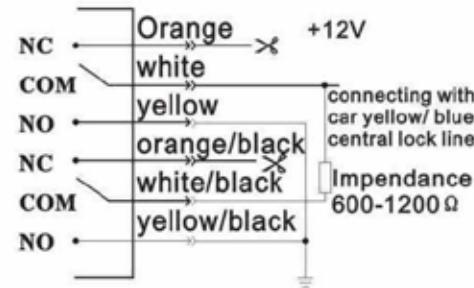
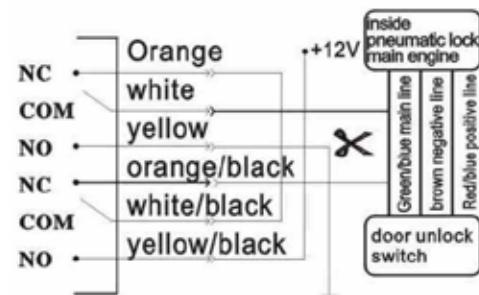
Central Locking Types



positive trigger

Positive/Negative trigger

Central Locking Types ...



refer to wire color of car alarm system installation(reference)

Audi A6

central door lock wire:brown/yellow
direction light:black/white,black/green
side door wire:green/yellow

Volkswagen-Passet

central door lock wire:Red/blue,red/green
direction light:black/white,black/green
side door wire:brown/white

Citroen-Elysee

central door lock wire:gray,orange
direction light:brown
side door wire:red

Toyota-Vios

central door lock wire:black/red,blue/yellow
ACC ON:blue
direction light:green/yellow,green/black
side door wire:red/white
brake wire:green/white

LEXUS

central door lock wire:pink/black,green/red
ACC ON:black/orange,black/yellow
direction light:green/yellow,green/black
side door wire:red/white
brake wire:green/white

Honda-Fit

central door lock wire:yellow,black/white
ACC ON:black/yellow
direction light:green/red,green/yellow
side door wire:green/red
brake wire:white/black

Nissan Sunshine 1.8

central door lock wire:purple,pale green/red
side door wire:red/white

Opel 2.0

central door lock wire:brown/red,brown/white
ACC ON:black/purple
direction light:black/white,black/green
side door wire:gray
brake wire:black/yellow

Volkswagen-Bora

central door lock wire:green/red,green/yellow
ACC ON:black
direction light:black/white,black/green
side door wire:brown/white
brake wire:red/black

Volkswagen-Santana 2000

ACC ON:black
direction light:black/white,black/green
side door wire:brown/white
brake wire:red/black

Citroen 2.0

direction light:yellow,brown(green socket)
side door wire:purple(blue socket)

Toyota RAV4

central door lock wire:blue/yellow,blue/orange
ACC ON:black
direction light:green/black,green/yellow
side door wire:red/white
brake wire:green/white

Toyota-Coaster

central door lock wire:white/yellow,black/yellow
ACC ON:black/green
direction light:black/white,black/green
side door wire:brown/blue
brake wire:green/red/black

Honda 2.4/3.0

central door lock wire:pink/blue,pink/black
ACC ON:black/red
direction light:brown,red/blue
side door wire:green/red
brake wire:white/black

Nissan 2.0

central door lock wire:green/red,yellow/green
ACC ON:blue/white
direction light:green/black,green/yellow
side door wire:white/red
brake wire:red/green

Daewoo

ACC ON:pink
direction light:oxford blue, pale blue
side door wire:white
brake wire:black

GTX

ACC ON:black
direction light:black/white,black/green
side door wire:brown/white
brake wire:red/brown

XiaLi 2000

central door lock wire:gray,green
ACC ON:black/yellow,black/red
direction light:green/black,green/yellow
side door wire:red/white
brake wire:green/white

Buick 8 seats

central door lock wire:white,pale blue
ACC ON:green/blue,pale blue/yellow
direction light:green/black,green/yellow
side door wire:yellow
brake wire:white

TOYOTA PREVIA

central door lock wire:blue/white,blue/silver
ACC ON:black/red
direction light:green/yellow,green/blue
side door wire:red/white
brake wire:green/white

TOYOTA CRESSIDA

central door lock wire:red/white,green/red
ACC ON:black/red , red/white
direction light:green/black,green/yellow
side door wire:red/silver
brake wire:green/black

Honda-Accord 2.3

central door lock wire:orange,orange/black
ACC ON:yellow,yellow/black
direction light:green/blue,green/yellow
side door wire:black/white
brake wire:white/black

Nissan

central door lock wire:pale yellow,gray/green
ACC ON:black,white
direction light:pink/blue,pink/black
side door wire:red/white
brake wire:black/yellow

Fiat-Siena

central door lock wire:blue,green/black
ACC ON:pink
direction light:red,white/yellow
side door wire:blue

Volkswagen-Jetta

ACC ON:black
direction light:black/white,black/green
side door wire:brown/white
brake wire:red/black,brown

XiaLi

central door lock wire:brown/yellow,green/black
ACC ON:yellow/black
direction light:green/yellow,green/black
side door wire:red/white
brake wire:green/white

Sail

central door lock wire:brown/red,brown/white
ACC ON:pink
direction light:black/green,black/white
side door wire:gray

TOYOTA CAMRY 2.4

central door lock wire:blue/yellow,blue
ACC ON:black/red
direction light:blue/yellow,green/black
side door wire:red/black
brake wire:green/white

JinBei-Haishi 4Y

ACC ON:black/red,black/yellow
direction light:green/black,yellow/white
side door wire:red/white,red/black
brake wire:green/white

Honda CRV

central door lock wire:white/blue,white/green
ACC ON:black/yellow
direction light:green/red,green/yellow
side door wire:green/red (gray socket)
brake wire:white/black

Cherokee

ACC ON:blue
direction light:pale blue/yellow,blue/green
side door wire:yellow

Fiat-Palio

central door lock wire:blue/white,white/black
ACC ON:oxford blue
direction light:pink
side door wire:blue/white,white/black
brake wire:green

ZhongHua

ACC ON:blue
direction light:blue/black,pale blue
side door wire:black
brake wire:red/white

South east Freeca

central door lock wire:green/red,green/black
ACC ON:black/white
direction light:blue/green
side door wire:green/red
brake wire:white/red

Mazda

ACC ON:red/white
direction light:green/black,green/white
side door wire:yellow/red
brake wire:green/yellow

TOYOTA CROWN

central door lock wire:black/red,black/yellow
ACC ON:black/orange,black/yellow
direction light:green/yellow,green/black
side door wire:red/white
brake wire:green/white

Toyota-Jeep 4500

central door lock wire:blue,green
ACC ON:blue/yellow
direction light:blue/white,blue/black
side door wire:red/yellow
brake wire:blue/yellow

Honda Odyssey

central door lock wire:white/green,white/blue
ACC ON:black/yellow
direction light:green/red,green/yellow
side door wire:black/white
brake wire:white/black

Geely-Meiri

direction light:green/white,green/yellow
side door wire:red/white
brake wire:black

Ford

ACC ON:black/green
direction light:green/white,blue/white
brake wire:red/green

ATTENTION: This wiring information is being provided free of charge and on an as is basis, without any representation or warranty. It is your responsibility to verify any circuit before interfacing with it by using a digital multimeter. Rightclick assumes no responsibility with regards to the accuracy or currency of this information. Proper installation in every case is and remains the responsibility of the installer. Rightclick assumes no responsibility resulting from an improper installation, even in reliance upon this information.

CONSUMER WARRANTY

("RIGHTCLICK") promises to the original purchaser to repair or replace with a comparable reconditioned model any RIGHTCLICK unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during one year from date of purchase. provided the following conditions are met: the unit was professionally installed and serviced by an authorized RIGHTCLICK dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized RIGHTCLICK dealer; and the unit is returned to RIGHTCLICK, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorized dealers name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number. All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. This warranty is non-transferable altered, the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. RIGHTCLICK, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND RIGHTCLICK NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. RIGHTCLICK DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. RIGHTCLICK SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT. RIGHTCLICK IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING RIGHTCLICK OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE ENGLAND & WALES . THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST RIGHTCLICK SHALL BE STRICTLY LIMITED TO THE AUTHORIZED RIGHTCLICK DEALER'S PURCHASE PRICE OF THE UNIT. RIGHTCLICK SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDINGTHE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED ONE YEAR WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.