ALERT

ALERT

Installation Manual

225 Technology Way • Steubenville, OH 43952
www.alertautomotive.com

Made in Taiwan

WARRANTY

Alert Warranty Information

Product warranty returns must only be submitted by an authorized dealer.

All Alert models have a Limited Lifetime Warranty on the main control module.

All parts excluding the control module have a two year warranty against defects in workmanship. This includes the shock sensors, remote transmitters and sirens. The control module will be repaired or replaced at our discretion for up to a 24 month period at no charge. After 24 months a $30.00 fee will be charged for repair or replacement of the control module.

Removal and reinstallation charges are not the responsibility of JBS Technologies, LLC the manufacturer of Alert. Warranty registration must be completed within 14 days of the original date of purchase. Registration can be mailed in or performed on line at www.alertautomotive.com. JBS Technologies makes no warranty against the theft of a vehicle or its contents. This warranty only extends to the original system purchaser and the vehicle it was originally installed on.

Limitation of Remedies
The purchasers remedy is limited to the repair or replacement of the unit and in no event shall exceed the purchase price. Incidental, consequential and or indirect damages are expressly disclaimed. No person or entity is authorized to alter or amend this limited lifetime warranty.

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ALARM TEST MODE

Trigger sensor	Siren chirps
Zone 2 / Instant Ground trigger (**H8/2 BLUE/WHITE** wire)	2
Zone 3 / Door trigger (**H8/3 VIOLET or H8/4 GREEN** wire)	3

b. Test the Zone 1 & Zone 4 / Two Stage Shock Sensor (Connected to **H6/4** Pin Plug)**:**
(Additional parts will need to be purchased for Shock Sensor activation.)
Press and release the transmitters **button** again. **[2] LED flashes** and **[2] chirps** will indicate the system is in the shock sensor (connected to **H6/4** pin plug) test mode.

1. Activate the warn-away (**first stage of the shock sensor / Zone 1**), system will emit a short chirp.
2. Activate the full alarm (**second stage of the shock sensor / Zone 4**), system will emit a long chirp.
3. Continue to test the shock sensor until reaching the proper sensitivity.

RETURN TO FACTORY DEFAULT SETTING

Turn the ignition **"ON" and "OFF" 3 TIMES** and leave it in the **"OFF"** position.

1. Press the **valet/program switch 12 times** and hold it in on the **12th** press until **six chirps** with **1 long chirp** is heard, then release the **valet/program switch**. You are now in the **"Return To Factory Default Setting" programming mode.**

ALARM FEATURE, RETURN ALL TO FACTORY DEFAULT SETTINGS:

2. Press and hold the and **buttons** at the same time on the transmitter for 5 seconds, there will be a confirmation of **(6) chirps** with **3 long chirps** and **3 parking light flashes** to confirm the system **"Alarm Feature #1, 2 and 4 Programming** all return to factory default setting.

PROGRAMMING

3-a. Test the Zone 2 Instant Ground Trigger & Zone 3 Door Trigger:
Press and release the transmitter button once. [1] LED flash, [1] siren/horn chirp to indicate you are in Zone 2 / instant ground trigger and Zone 3 / Door trigger test mode.

Trigger sensor	Siren chirps
Zone 2 / Instant Ground trigger (H8/2 Blue/White wire)	2
Zone 3 / Door trigger (H8/3 Violet & H8/4 Green Wire)	3

3-b. Test the Zone 1 /4 Shock Sensor (Connected to **H6** 4 Pin Plug)**:**
(Additional parts will need to be purchased for Shock Sensor activation.) Press and release the transmitter button again. **[2] LED flash, [2] siren/horn chirps** to indicate you are in shock sensor (connected to **H6** 4-pin plug) test mode.

1. Activate the warn-away (first stage optional sensor), system will emit a short chirp.
2. Activate the full alarm (second stage optional sensor), system will emit a long chirp.
3. Continue to test the optional sensor until reach the proper sensitivity.

Return To Factory Default Setting:

1. Turn the ignition ON then OFF **3 TIMES** and stay in **"OFF"** position.
2. Push the **valet/program switch 12 times** and holding in on the **12th** push until **six** chirps with a long chirp is heard then release the **valet/program switch**. You are now in the "Return To Factory Default Setting" programming mode.
3. Press the and buttons at the same time on the transmitter together for 5 seconds, there will be a confirmation **six chirps** with **3 long chirps** and **3 parking light flashes** to confirm the system "Alarm Feature I & II & III & IV Programming all returns to factory default setting.

IMPORTANT NOTICE

- Read the operation manual for operating and programming routine.
- Do not install any component near the brake, gas pedal or steering linkage.
- Most vehicles have an SRS air bag system. Use extreme care and do not probe any wires of the SRS system. These wires will almost always be located inside a bright yellow tube located near the steering wheel column.
- Check behind panels before drilling any holes. Ensure that no wiring harness or other components are located behind the panels that would otherwise be damaged.
- Do not use conventional crimp lock or bullet connectors on any wiring.
- Do not disconnect the battery if the vehicle has an anti-theft radio or is equipped with an airbag. Doing so may cause a warning light to be displayed and the radio to stop functioning.
- Do not leave the interior or exterior lights on for an extended period of time. Remove the dome light fuse from the vehicles fuse box.
- Do not mount the control module until all connections have been made and the unit is programmed and tested.

COMPONENTS

- 1- Main Control Module
- 1- Five Button LCD Remote Transmitter
- 1- 5 Pin Main Harness
- 1- 10 Pin Mini Harness
- 1- 2 Pin Valet Switch
- 1- 2 Pin Led Light Harness
- 1- 4 Pin Antenna Harness
- 1- 6 Pin Door Lock Harness
- 1- 4 Pin Shock Sensor Harness
- 1- Six Tone Mini Siren
- 1- Hood and Window Decal
- 1- Installation Manual
- 1- Owners Manual

PROGRAMMING

Delete Password Pin Code (Override Without Password Pin Code):
(Factory default setting)

1. Turn the ignition switch 'ON/OFF' 3 times and stay in **"OFF"** position.
2. Push the **valet/program switch 8 times** and holding in on the **8th** push until **four** chirps with a long chirp is heard then release the **valet/program switch**.
3. Within 15 seconds, press and hold the transmitter 🔓 button for 4 seconds. One long chirp to confirm Deleted the Password Pin Code.

Example: To program the Password Code 92, you would;

1. Turn the ignition switch 'ON/OFF' 3 **times** and stay in **"OFF"** position.
2. Push the **valet/program switch 8 times** and holding in on the **8th** push until **four chirps** with a long chirp is hearing then release the \ **valet/program switch**. You are now in the Alarm feature **'IV'** programming mode.
3. Press and release the transmitter 🔓 button once, [2] LED flash, [2] siren/horn chirp to indicate you are in features "Password pin code programming mode".
4. Within 15 seconds, press and release the **valet/program switch 9 times**.
5. Within 15 seconds of the last entered 10ths digit, turn the ignition switch to **"ON"** position.
6. Within 15 seconds press and release the **valet/program switch 2 times**.
7. Turn the ignition switch to **"OFF"** position.

You will note the LED flashing nine times, pause and then flash **2 times**, pause. This pattern will be repeated three times indicating the new code (92) has been accepted and stored in memory.

In this test mode, this system can test the Zone 1 Warn Away Trigger / Zone 2 Instant ground trigger / Zone 3 Door trigger and the Zone 4 optional sensor sensitivity. The installer can save time to test the optional sensor sensitivity and sensor without using the traditional arming/disarming procedures to test the sensors.

Enter:

1. Turn the ignition switch 'ON/OFF' **3 TIMES** and stay in **"OFF"** position.
2. Push the **valet/program switch 8 times** and holding in on the **8th** push until **four chirps** with a long chirp is hearing then release the **valet/program switch**.
   You are now in the Alarm feature **'IV'** programming mode.

PROGRAMMING

ALARM FEATURE #4 PROGRAMMING CHART

Press Transmitter Button	One Chirp with One LED Pulse Factory Default Setting	Two Chirps with Two LED Pulses
1 🔒	Exit the programming mode. (3 long chirps to confirm this exit.)	
2 🔓	Override without Password Pin Code Press and hold 🔓 button for 4 seconds to delete the password pin code.	Override with Password Pin Code Password pin code programming.
3	"TEST" Mode for Zone 2 Hood and Zone 3 Door Pin Switch	"TEST" Mode for Zone 4/the Optional Sensor connected to the 4-pin plug.

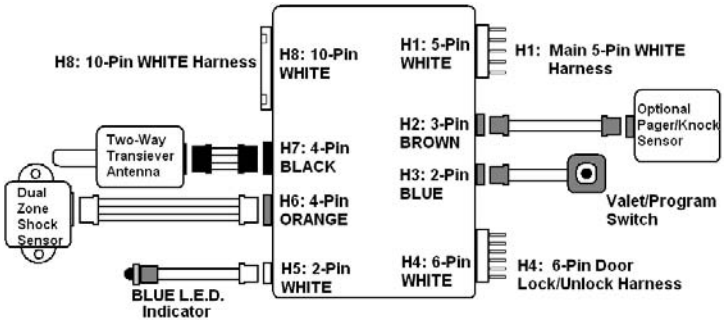
Exit: Turn the ignition switch to the **"ON"** position, wait 15 seconds you will get **3 long chirps** that will confirm the programming has been exited.

Password Pin Code Setup:

1. Turn the ignition switch **ON/OFF 3 times** and stay in "**OFF"** position.
2. Push the **valet/program switch 8 times** and holding in on the **8th** push until **four** chirps with a long chirp is heard then release the **valet/program switch**. You are now in the Alarm feature **'IV'** programming mode.
3. Press and release the transmitter 🔓 button once, **[2] LED flash, [2] siren/horn chirp** to indicate you are in features **"Password Pin Code Programming mode"**.
4. Within 15 seconds, begin to enter your chosen first 9ths digit by pressing and releasing the **valet/program switch** from **1 – 9 times**.
5. Within 15 seconds of the last entered 10ths digit, turn the ignition switch to **"ON"** position.
6. Within 15 seconds, enter your chosen second 10ths digit by pressing and releasing the **valet/program switch** from **1 – 9 times**.
7. Finish by turning the ignition switch to **"OFF"** position.
   If the new password code was accepted, the unit would report back the newly entered code, by flashing the LED, first indicating the first digit code has been memorized, pause and then the second digit code. The unit will report the new code three times with a one-second pause between each code.

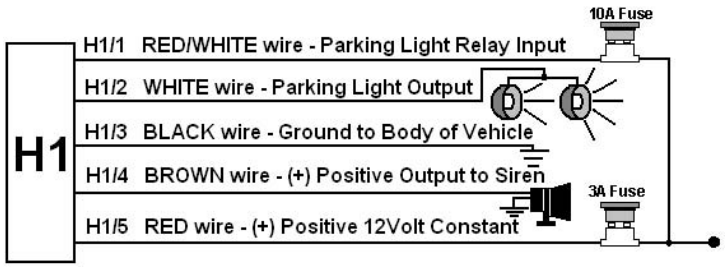
Note: If 15 seconds of inactivity expire, or if the ignition switch is turned "ON" for more then 5 seconds during of above steps, the unit will revert back to the last successfully stored code. 3 long chirps and 3 parking light flashes will confirm exit. Will revert back to the last successfully stored code.

INSTALLATION DIAGRAM



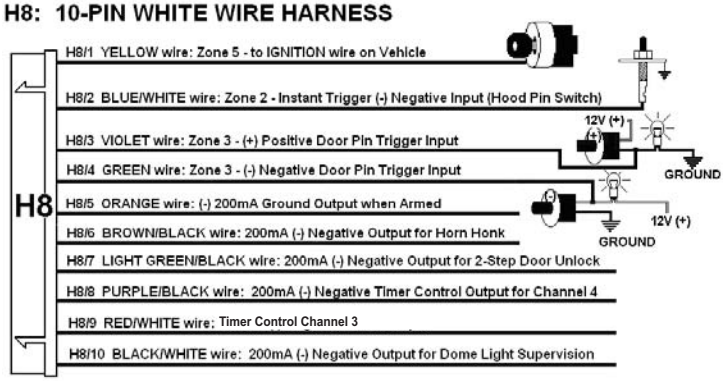
WIRING HARNESSES

H1: MAIN 5-PIN WHITE WIRE HARNESS



WIRING HARNESSES

H8: 10-PIN WHITE WIRE HARNESS



Keep all wiring away from moving engine parts, exhaust pipes and high-tension cable. Tape wires that pass through holes on the firewall to prevent fraying. Watch out for sharp edges that may damage wires and cause short circuits.

CAUTION: Do not connect the wire harness to the control module until all wiring to vehicle is complete.

PROGRAMMING

Channel 3 (4) Timer Control Output Programming.

1. Turn the Ignition switch **"ON" and "OFF" 3 times**, then leave it in the **"OFF"** position.

2. Press the **valet/program switch (6) times** and then hold it in on the **6th** press until **3 chirps** followed by **1 long chirp** is heard. You are now in the **Alarm feature #3 programming mode**.

3-a. Press and release the transmitter **button 3 times**, **[3] LED flashes** and **[3] siren or horn chirps** will indicate you are in **"CHANNEL 3 TIMER PROGRAMMING MODE"**.

3-b. Press and release the transmitter ✱ **button 4 times**, **[4] LED flashes** and **[4] siren or horn chirps** will indicate you are in **"CHANNEL 4 TIMER PROGRAMMING MODE"**.

4. Press and hold the **valet/program switch**, the timer will immediately start.

5. When the desired interval has passed, release the **valet/program switch**. 1 long chirp will be heard for confirmation. **(Set to any interval between 1 second and 2 minutes.)**

Note 1:
If your built-in timer controls the windows or a sunroof in your vehicle, **DO NOT change the timer setting!** This requires installer-only programming. Changing the value will adversely effect operation and may cause damage to the motors.

Note 2:
Momentary output The momentary output selection will provide a negative signal from the Channel 4 (4) output immediately when the **channel 4 button** is pressed and will continue until the button is released.
Latched output The latched output selection will provide a negative signal as soon as the Channel 4 (3/4) button is pressed and will continue until the button is pressed again
Latched output / reset with ignition The latched / reset with ignition output selection operates just like the latched output but will reset or stop when the ignition is turned on.

ALARM FEATURE #4 PRORAMMING:

1. Turn the Ignition from **"ON" to "OFF"** 3 times, then to the off position.

2. Press the **valet/program switch (8) times** and then hold it in on the **8th** press until **4 chirps** followed by **1 long chirp** is heard. You are now in the **Alarm feature #4 programming mode**.

3. Press and release the transmitter button that corresponds to the feature you desire to program.

PROGRAMMING

ALARM FEATURE #3 PROGRAMMING:
Password Pin Code Setup:

1. Turn the Ignition switch **"ON" and "OFF" 3 times** and then leave it in the **"OFF"** position.
2. Press the **valet/program switch 6 times** and hold it in on the **6th** press until **3 chirps** followed with **1 long chirp** is heard and the LED turns on then release the **valet/program switch**. You are now in the **ALARM FEATURE #3 PROGRAMMING MODE.**
3. Press and release the transmitter button that corresponds to the feature you desire to program.

ALARM FEATURE #3 PROGRAMMING CHART

Press Transmitter Button	One Chirp with One LED Pulse Factory Default Setting	Two Chirps with Two LED Pulses	Three Chirps with Three LED Pulses	Four Chirps with Four LED Pulses
1 🔒	**The vehicle without Turbo (The system cannot be Armed with the engine running)**	The vehicle has aftermarket Turbo timer installed: The system can be Armed with the engine running and The shock sensor will be bypassed as long as the engine is running.	The shock sensor will be bypassed for one min.	The shock sensor will be bypassed for three min.
2 🔓	**H1/4 Brown Wire** = Constant Siren Output for Six-tone Siren	**H1/4 Brown Wire** = 5 sec. Pulse Siren Ouput for Single-tone Siren	**H1/4 Brown Wire** = Random Pusle Siren Output	**H1/4 Brown Wire** = Pulse Output
3	**H7/7 Red/White Wire** = Channel 3 1 Sec. Pulse Output for Trunk Release	**H7/7 Red/White Wire** = Channel 3 Latch Output	**H7/7 Red/White Wir e**= Channel 3 Timer Controlled Output	
4 ✱	**H7/10 Purple/ Black Wire** Channel 4 = Momentary Output	**H7/10 Purple/ Black Wire** = Channel 4 = Latched Output	**H7/10 Purple/ Black Wire** Channel 4 = Latched Output and reset with ignition "ON"	**H7/10 Purple/ Black Wire** = Channel 4 = Timer Programming (set to any interval between 1 sec. and 2 min.)

Exit: Turn the ignition switch to the **"ON"** position, wait 15 seconds you will get **3 long chirps** that will confirm the programming has been exited.
20 (Additional parts will need to be purchased for Shock Sensor activation.)

WIRING CONNECTIONS

H1. MAIN 5 PIN WIRE HARNESS:

H1/1. Red / White wire – Parking Light Relay Input
The **RED/WHITE** wire is the input to the flashing parking light relay. The connection of the **RED/WHITE** wire will determine the output polarity of the flashing parking light relay.
If the vehicle you are working on has **+12volt** switched parking light, you don't need connect this wire. This wire already connected to **+12volt**. If the vehicle's parking light with ground switched, cut the **RED/WHITE** wire, connect the **RED/WHITE** wire to chassis ground.

H1/2. White wire – Parking Light Relay Output (+12 V 10A Output)
Connect the **WHITE** wire to the parking light wire coming from the headlight switch. Do not connect the **WHITE** wire to the dashboard lighting dimmer switch. (Damage to the dimmer will result). The limitation of the **WHITE** wire is 10 Amp max. Do not exceed this limit or damage to the alarm and parking relay will result.

H1/3. Black wire – System Ground
This is main ground connection of the alarm module. Make this connection to a solid section of the vehicle frame. Do not connect this wire to any existing ground wires supplied by the factory wire loom, make the connection to the vehicle's frame directly.

H1/4. Brown wire – Siren Drive or Horn Output
(Set Feature III – 2 Programming)
SIREN DRIVE OUTPUT (Factory default setting)
This is the positive (+) output connection for the siren. Current capacity is 2 Amp. Make connection to the (+) red wire from the siren. Make the (-) black wire coming from the siren to a good chassis ground.
HORN OUTPUT -- (Set Alarm Feature **III – 2** To Horn Output)
This wire is provided to use the existing vehicle's horn as the alarm system's optional warning audible device. It's a transistorized low current output, and should only be connected to the low current positive (+) output from the vehicle's horn switch.

H1/5. Red wire – System Power (+12V Constant)
The RED wire supplies power to the system. Connect this wire to a constant +12 volt source.

WIRING CONNECTIONS

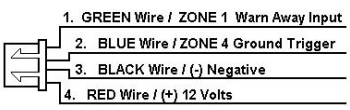
H2. 3-PIN BROWN CONNECTOR FOR OPTIONAL PAGING (KNOCK) SENSOR

The optional Paging (Knock) Sensor can be add on.

1. Detach the protecting paper from the double-sided adhesive tape and attach one side of the double-sided adhesive tape to the bottom part of the Paging (Knock) Sensor.
2. After cleansing the area around left bottom part of the front window so that it stays attached firmly, the Paging Sensor should be attached on the front window so that the side on which a sticker with a printed words "**Tap Here Paging Driver**" is attached face outward.
3. Hide the wire by carefully pushing it inside the space of the front window's mold trim.

Adjust the sensitivity of the Paging Sensor, If you turn the tuning screw at the center of the Paging Sensor clockwise, the sensitivity goes sharp and if turned counter-clockwise, the sensitivity goes dull.

H6: 4-PIN ORANGE CONNECTOR FOR DUAL STAGE SHOCK SENSOR



H7. BLACK 4-PIN CONNECTOR. – TWO-WAY TRANSCEIVER/ANTENNA MODULE

The Two-way transceiver/antenna mounts on the location above the belt line (dashboard) of the vehicle for best reception. We suggest you mount it on the lower left or upper left-hand side of windshield.

Warning! Do not mount in such a manner that it obstructs the driver's view.

- Remove the protective tape backing.
- Carefully align the two-way transceiver/antenna and apply to windshield.
- Route the black connector wire behind the trim and connect to the two-way transceiver/antenna.
- Connect the other end to the control module.
- Special considerations must be made for windshield glass as some newer vehicles utilize a metallic shielded window glass that will inhibit or restrict RF reception. In these vehicles, mount the two way transceiver/antenna module away from metallic shielded window glass as far as possible.

PROGRAMMING

ALARM FEATURE #2 PRORAMMING:

1. Turn the Ignition switch **"ON" and "OFF" 3 times**, leave it in the **"OFF"** position.
2. Press the **valet/program switch 4 times** and hold the **4th** press, hold it in until **2 chirps** followed with **1 long chirp** is heard, then release the **valet/program switch**. You are now in the **ALARM FEATURE #2 PROGRAMMING MODE.**
3. Press and release the transmitter button that corresponds to the feature you desire to program.

ALARM FEATURE #2 PROGRAMMING CHART

Press Transmitter Button	One Chirp with One LED Pulse Factory Default Setting	Two Chirps with Two LED Pulses	Three Chirps with Three LED Pulses	Four Chirps with Four LED Pulses
1 🔒	0.9-second door lock pulse	3.5-second door lock pulse	Double pulse unlock	Door lock with "Comfort Feature"
2 🔓	Active Arming	Passive Arming without passive door locking	Passive Arming with passive door locking	
3	Ignition Controlled Door Locks and Unlocks	Ignition Controlled Door Locks Only	Ignition Controlled Door Unlock Only	Without Ignition Controlled Door Locks and Unlocks
4 ✱	Pathway illumination feature "off"	Parking light turns "on" for 30-seconds upon an unlock signal	Parking light turns "on" for 30-seconds upon an unlock signal & 10-seconds upon a lock signal	

Exit: Turn the ignition switch to the **"ON"** position, or wait for 15 seconds. **3 long chirps** and **3 parking light flashes** will confirm the programming was exited.

Comfort Feature:

Some vehicles have a special comfort feature. When you lock the driver's door with the key, and hold the key in the door for 5 to 7 seconds, all the windows in the vehicle will roll up. If you would like to operate this feature with the remote transmitter, you can program the alarm feature **# 2-1** to **"COMFORT FEATURE".**

PROGRAMMING

B. ALARM FEATURE. #1 PROGRAMMING:

1. Turn the Ignition switch **"ON" and "OFF" 3 times** and then leave it in the **"OFF"** position.
2. Press the **valet/program switch** 2 times and on **2nd** press, hold it in until **1 chirp** is followed by **1 long chirp** then, release the **valet/program switch**. You are now in the **ALARM FEATURE #1 PROGRAMMING MODE.**
3. Press and release the transmitter button that corresponds to the feature you desire to program.
   a. The number of chirps and LED pauses will indicate the previous setting.
   b. The factory default settings will always be **[1] LED flash** and **[1] chirp.**
4. Press the transmitter button again to change the feature. Simply keep re-pressing the transmitter button until the module advances to your desired programming setting.
5. Press the button again corresponding to the feature you want to program.

ALARM FEATURE #1 PROGRAMMING CHART

Press Transmitter Button	One Chirp with One LED Pulse Factory Default Setting	Two Chirps with Two LED Pulses	Three Chirps with Three LED Pulses	Four Chirps with Four LED Pulses
1 🔒	All chirps off	All chirps on	Siren chirp on only	Horn chirp on only
2 🔓	Automatic Rearm off	Automatic Rearm on		
3	45 second delay Door Ajar error chirp	Instant Door Ajar error chirp		
4 ✱	Without Car-jacking mode	Active Car-jacking mode	Passive Car-jacking mode	

Exit: Turn the ignition switch to the **"ON"** position, or wait for 15 seconds. **3 long chirps** will confirm programming is exited.

WIRING CONNECTIONS

H8. 10-PIN MINI CONNECTOR WIRE HARNESS.

H8/1. Yellow wire – To Ignition Switched +12V
This wire is connected to a switched **12 volts** source. This wire should receive **"12 volts"** when the ignition key is in the **"ON"** and **"START"** position. When the ignition is turned **"OFF"**, this wire should receive **"0"** voltage.

H8/2. Blue / White wire – (-) Instant Trigger or Major trigger Input (Zone 2)
This wire is the ground trigger input wire for hood/trunk pin switches.

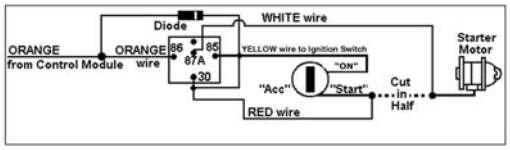
H8/3. Violet wire – Positive Door Switch Sensing Input
This wire is the positive trigger input wire for positive door pin switch. This wire is connection for **"positive"** type factory door pins(typical FORD MOTOR). Locate the **"common wire"** for all door pins and make the connection of the Violet Wire here.

H8/4. Green wire – Negative Door Switch Sensing Input
This wire is the ground trigger input wire for negative door pin switch. This wire is connection for **"grounding"** type factory door pins locate the **"common wire"** that connects the door pin switches. Make the connection of the **GREEN** Wire here.

H8/5. Orange wire – (-) 200mA Grounded Output When Armed
This wire will become grounded when the alarm is armed. The current capacity of this wire is **200mA**. This output can control starter disable, when an intrusion is detected and the system is triggered. The vehicles prevent from any unauthorized starting.
a). Find the wire from the starter solenoid, (usually located on the starter) and going to the ignition switch.
b). When found, use voltmeter, connect one probe of the voltmeter to ground and connect the other end of the probe to the starter wire, it should read **"12 volts"** only when the ignition key in the **"START"** position.
c). After locating the correct wire, cut it in half, try to start the vehicle. The engine should not **"crank over"**.
d). When the extend wires are needed, they must be exactly same gauge as the cut wire. Connect the cut wire from the key switch to the **RED** wire (pin #30) of the relay, and connect the starter wire to the **WHITE** wire (pin #87a) of the relay.
e). Connect the **ORANGE** Wire from the control module to the **ORANGE** wire (pin #86) of the relay.
f). Connect the Yellow wire (pin #85) of the relay to a switched 12 volts source from the ignition switch.

WIRING CONNECTIONS

NOTE: If more than one electronic device will be connected to the ORANGE Wire, it will be necessary to isolate the connection of each device control wires with a 1N4003 diode.



H8/6. Brown / Black wire – (-) 200mA Horn Output
This wire is provided to use the existing vehicle's horn as the alarm system's optional warning audible device. It's a transistorized low current output, and should only be connected to the low current ground output from the vehicle's horn switch. When the system is triggered, the horn will sound.

H8/7. LT. Green / Black wire – (-) 200mA 2-Step Door Unlock Output
The dual pulse door unlock feature will work for the most fully electronic door lock circuit. The vehicle must have an electronic door lock switch (not the lock knob or key switch), which locks and unlocks all of vehicle's doors. When wired for this feature, press the disarm (or unlock) button one time will disarm the alarm and unlock the driver's door only. If, press disarm (or unlock) button two times within 3 seconds, the alarm will disarm and all doors will unlock.

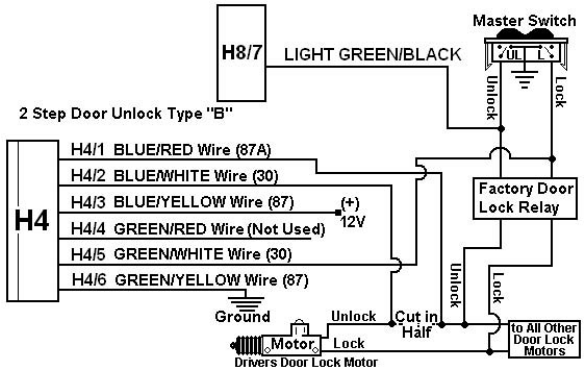
H8/8 Purple / Black wire – (-) 200mA Channel 4 Programmable Output
This wire is built-in user-programmable timer output provides a ground through this wire. Press the transmitter 🔒 and 🔓 buttons at the same time. You may program the built-in timer to send a ground signal for any time interval between 1 second and 2 minutes. For instance, this timer output may be used to turn on the headlights with the remote control. Also on certain BMW, Mercedes Benz, Jaguar and Volkswagen cars, you can use this unique timed output to allow remote closure of all power window and sunroof without the need for an external module!.

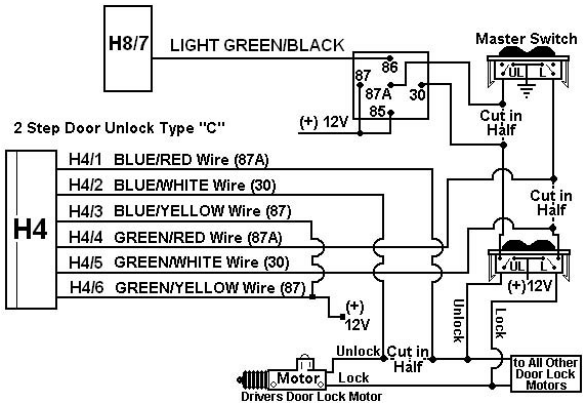
H8/9. Red / White wire – (-) 200mA Timer Control Channel 3 (Trunk) Output
This will become a 1 second pulse ground by activate channel 3 on transmitter for two seconds, the current capacity of this wire is 200mA. This feature allows you to remote control trunk release or other electric device. This output can also be programmed to provide the following type of output: 1 second pulse, latched, timer control and pager. (See Alarm Feature **III - 3** Programming

PROGRAMMING

A: PROGRAMMING A REMOTE TRANSMITTER:
Note: The control module will only retain the last 4 remote transmitters programmed. If the transmitter memory is exceeded, the security system will start deleting transmitters from its memory in chronological order.

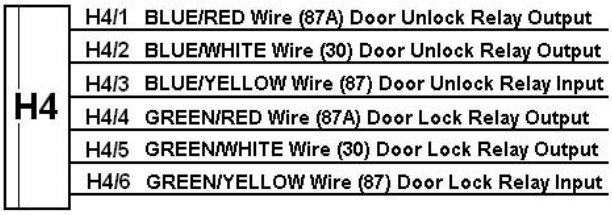
1. Turn the Ignition switch **"OFF" and "ON" 3 times** and then leave in the **"ON" position**.
2. **Within 15 seconds**, press the **valet/program switch 3 times** and on the **3rd, press and hold it** in until 1 long chirp is heard and the LED starts to flash, then release the **valet/program switch**. You are now in the **TRANSMITTER PROGRAMMING MODE.**
3. Press and hold any button on the transmitter until **(1) chirp** from the horn and **(1) flash** from parking lights confirms the first transmitter is now programmed.
4. If you have additional transmitters **(up to 4)** that need to be programmed, repeat step 3 for each transmitter.



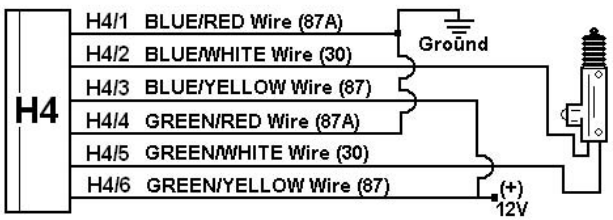


H8/10.Black / White wire – (-) 200mA Dome Light Control Output
This wire becomes grounded when the dome light control circuit activate. The current capacity of this wire is **200mA**. This wire can control the operation of the interior lights. An optional 10 Amp relay can be used to this system for interior lights operation.
a). Upon disarming, the interior lights will remain on for 30 seconds.
b). If the vehicle is violated, the interior light will flash for the same duration as the siren.

H4: 6-PIN DOOR LOCK WHITE HARNESS

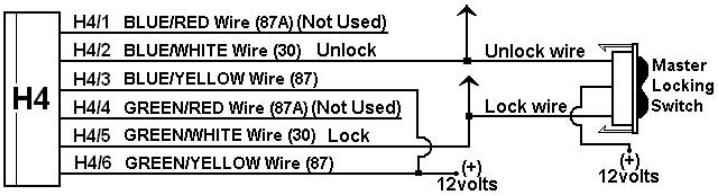


Adding New Actuator

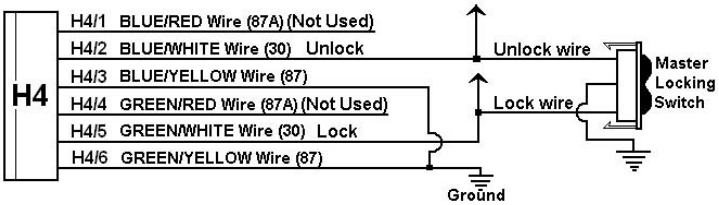


WIRING CONNECTIONS

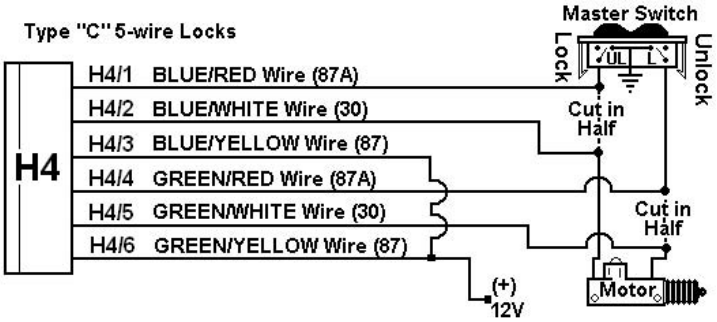
Type "A" Positive Trigger



Type "B" Negative Trigger

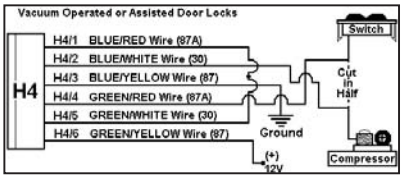


Type "C" 5-wire Locks



WIRING CONNECTIONS

VACUUM OPERATED DOOR LOCKING SYSTEM: TYPICAL OF MERCEDES BENZ AND AUDI.



Locate the wire under the driver's kick panel. Use the voltmeter connecting to ground, verify that you have the correct wire with the doors unlocked, the voltmeter will read **"12 volts"**. Lock the doors and the voltmeter will read "0 volt". Move the alligator clip to **+12V** and the voltmeter will read **"+12 volts"**. Cut this wire and make connections. Be sure to program the door lock timer for 3.5 seconds.