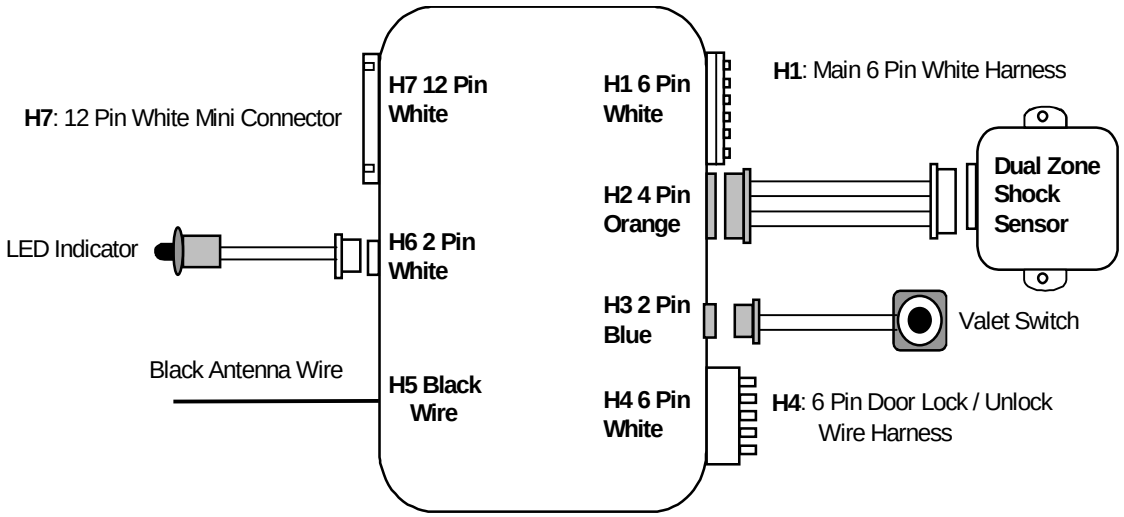
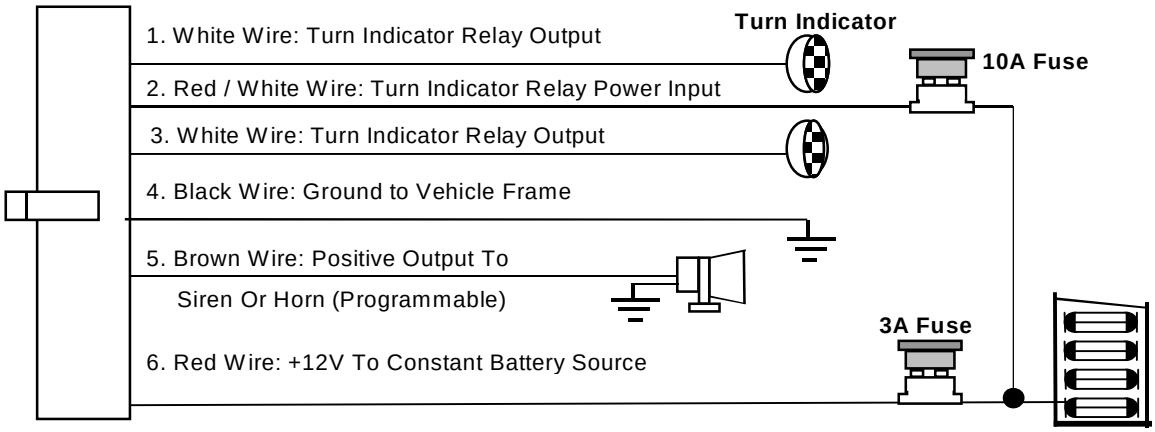
MODEL ALA550R
REMOTE CONTROL SECURITY SYSTEM
INSTALLATION & OPERATION INSTRUCTIONS

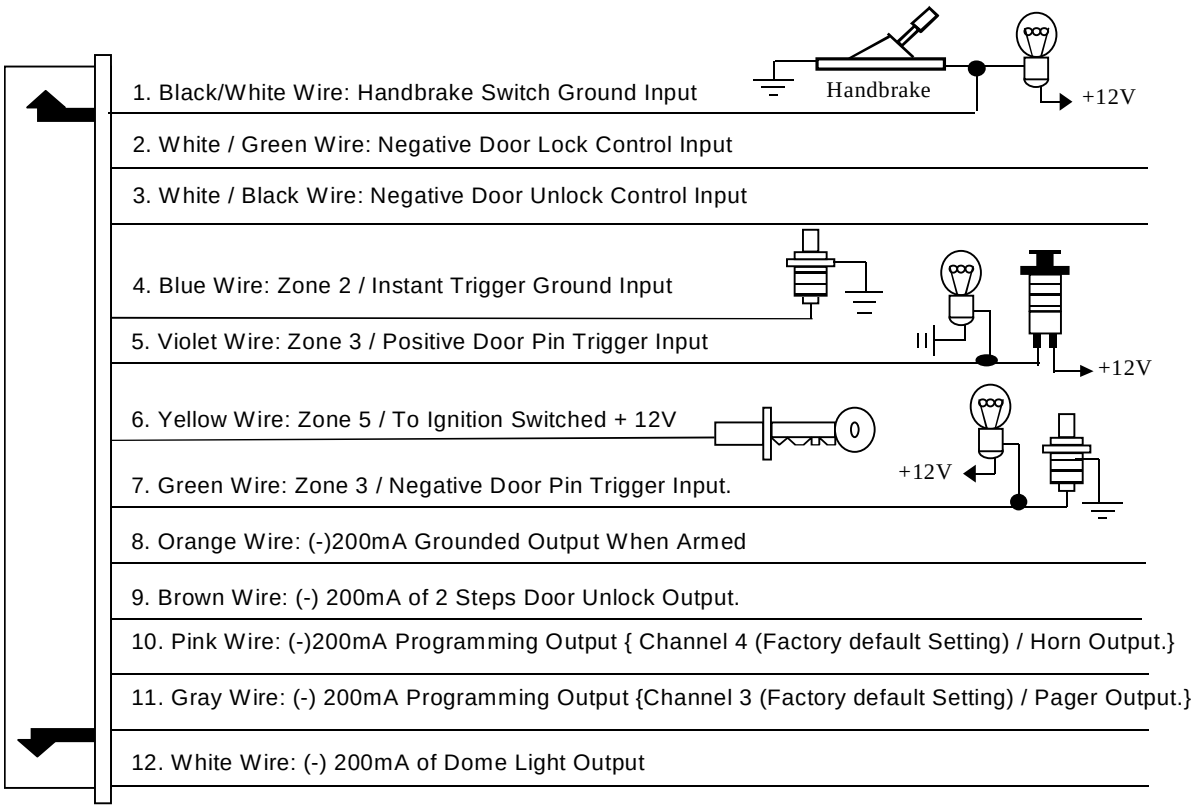
WIRING DIAGRAM



H1: MAIN 6 PIN WIRE HARNESS:



H7: 12 PIN MINI CONNECTOR WIRE HARNESS:



WIRING

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

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

H1. MAIN 6 PIN WIRE HARNESS:

H1/1 & 3. White wire – Turn Indicator Relay Output (5A Output for each) –

The WHITE wires transfer the power taken from the RED/WHITE wire to turn indicators, through the alarm internal relay. Connect one of the two WHITE wires to right line of turn indicator and connect the other one to the left line indicator.

H1/2. Red / White wire – Turn Indicator Power Input –

The RED/WHITE wire is the input to the flashing turn indicator relay. The connection of the RED/WHITE wire will determine the output polarity of the flashing turn indicator relay.

If the vehicle you are working on has +12volt switched turn indicators, you don't need connect this wire. This wire already connected to +12volt.

If the vehicle's turn indicators are ground switched, cut the RED/WHITE wire, connect the RED/WHITE to chassis ground.

H1/4. 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.

H1/5. 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.

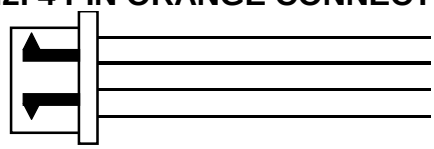
(+) Low Current HORN OUTPUT -- (Set Alarm Feature **III – 2** To Horn Output)

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.

H1/6. Red wire – System Power (+12V Constant) –

The RED wire supplies power to the system. Connect this wire to a constant +12 volt source.

H2. 4 PIN ORANGE CONNECTOR FOR 2 STAGE SHOCK SENSOR



4. Green Wire / Warn Away Input
3. Blue Wire / **Zone 4** Ground Trigger
2. Black Wire / Negative
1. **Red** Wire / +12Volts

H5. RF ANTENNA - BLACK THIN WIRE

The black thin wire on control module is the receiver antenna wire. Antenna placement is very important! Ensure that it is unwrapped and stretched out with the last 6" straight and keep it away from large metal objects or chassis for best reception.

H7. 12-PIN MINI CONNECTOR WIRE HARNESS.

H7/1. Black / White wire – Ground Handbrake Switch Sensing Input –

This wire is the ground trigger input wire for groung handbrake switch. If you programmed " Safety lock with handbrake." (See See Alarm Feature **II – 3** Programming) then you must connect the black / white wire to the handbrake switch for this application.

H7/2. White / Green wire – Negative Door Lock Control Input –

This wire is the ground trigger input wire; it can control the door lock. Triggers this wire the vehicle's door will lock.

H7/3. White / Black wire – Negative Door Unlock Control Input –

This wire is the ground trigger input wire, it can control the door unlock. Triggers this wire the vehicle's door will unlock.

H7/4. Blue wire – Ground Instant Trigger Input –

This wire is the ground trigger input wire for hood/trunk pin switches.

H7/5. 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.

H7/6. 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.

H7/7. 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.

H7/8. 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 receive "12 volts" only when the ignition key in the "START" position.

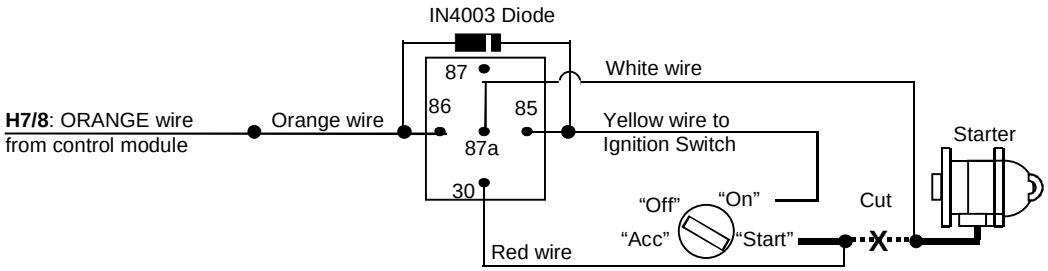
c). After locating the correct wire, cut it in half, try to start the vehicle. The engine should not "crank over".

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.

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.



H7/9. Brown wire – (-) 200mA 2 Steps Unlock Output --

The 2 steps 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.

H7/10. Pink wire – (-) 200mA Timer Control Channel 4 / Horn Output –

TIMER CONTROL CHANNEL 4 OUTPUT (Factory default setting on momentary grounded)

This wire is built-in user-programmable timer output provides a ground through this wire. Press 🔒 and 🚗 buttons at the same time on the transmitter. 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 headlight 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! (See Alarm Feature **III – 5** Programming)

HORN OUTPUT (See Feature **III – 5** Programming)

This wire is provided to use the existing vehicle's horn as the alarm system's optional's 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.

H7/11 . Gray wire – (-) 200mA Timer Control Channel 3 / Pager Output –

TIMER CONTROL CHANNEL 3 OUTPUT (Factory default setting on 1 second pulse grounded)

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)

PAGER OUTPUT (See Feature **III – 3** Programming)

This wire provides a negative output, when the alarm triggered. The current capacity of this wire is 200mA. For optional electrical device in this system, please connected to an additional relay. (I.E. Pager interface....)

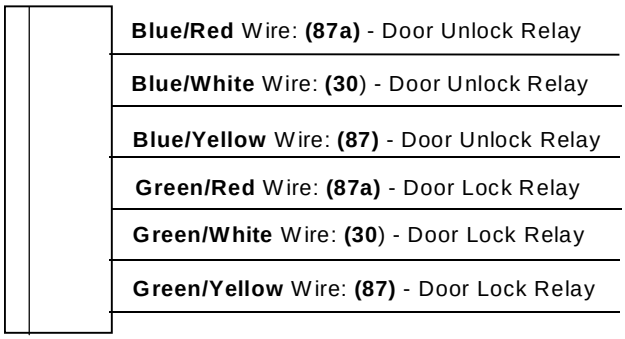
H7/12. White wire – (-) 200mA Dome Light Control Output –

This wire becomes grounded when the dome light controls circuit active. 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.

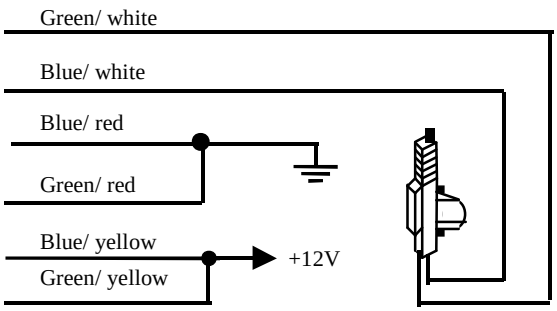
a). Upon disarming, the interior lights will remain on for 30 seconds.

b). If the vehicle is violated, the interior light will flash for the same duration as the siren.

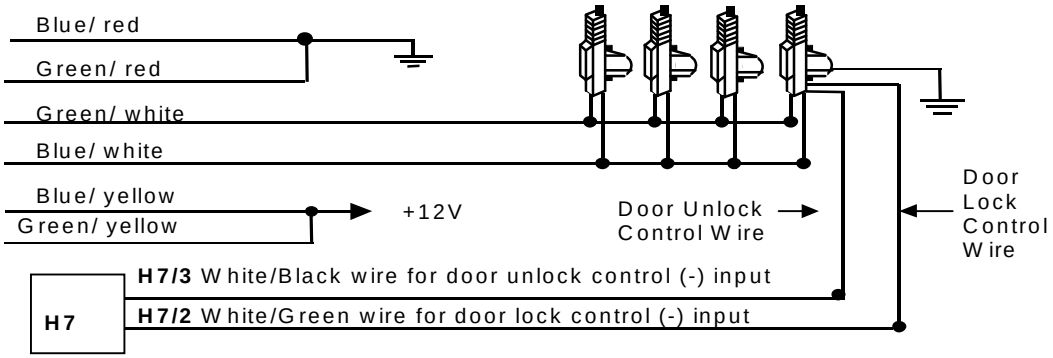
H4. 6PIN DOOR LOCK HARNESS:



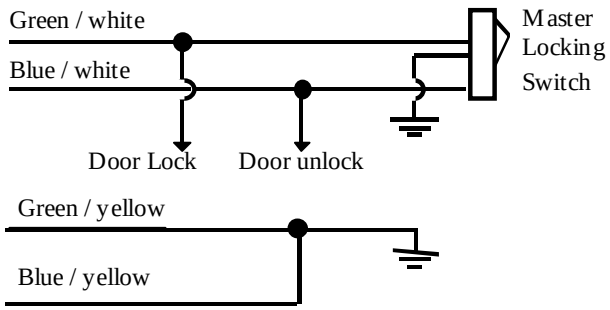
INSTALL NEW DOOR LOCK MOTORS



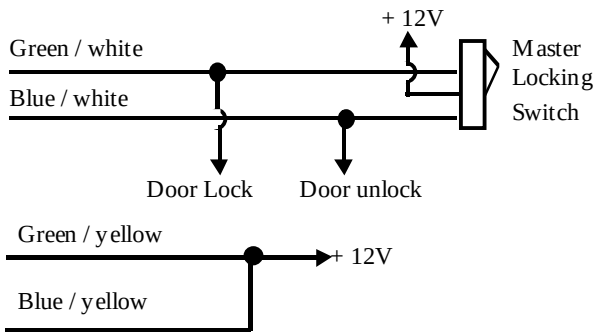
INSTALL NEW 4 DOOR LOCK MOTORS WITH 5-WIRE LOCK MOTOR:



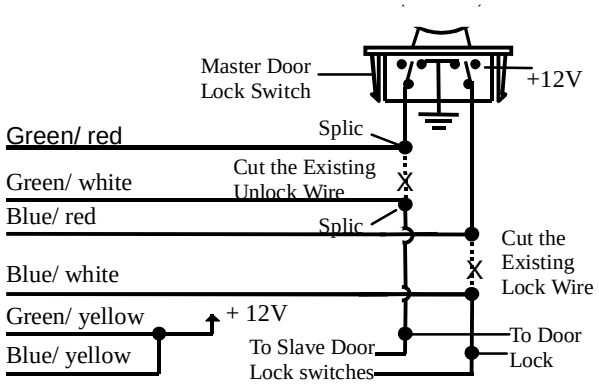
NEGATIVE TRIGGER DOOR LOCK SYSTEM



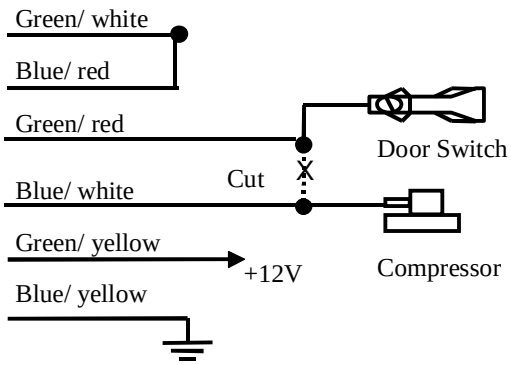
POSITIVE TRIGGER DOOR LOCK SYSTEM



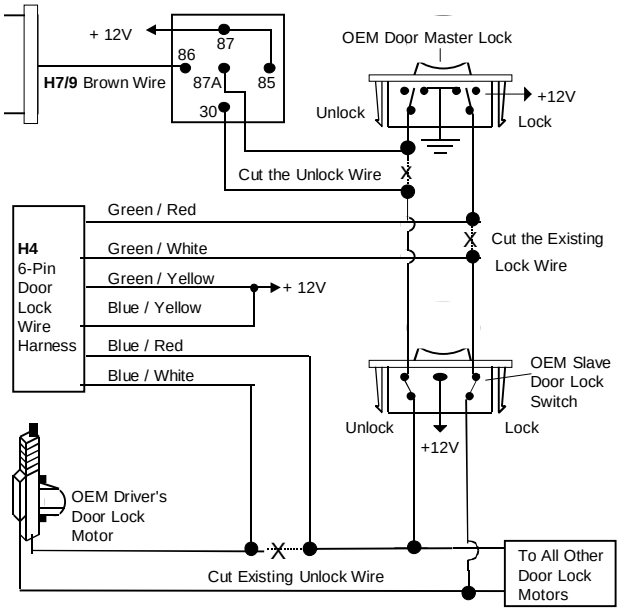
ALTERNATING DOOR LOCKS



VACUUM OPREATE DOOR LOCKING SYSTEM



2 STEP DOOR UNLOCK WIRE CONNECTION FOR 5 WIRE ALTERNATING DOOR LOCKS

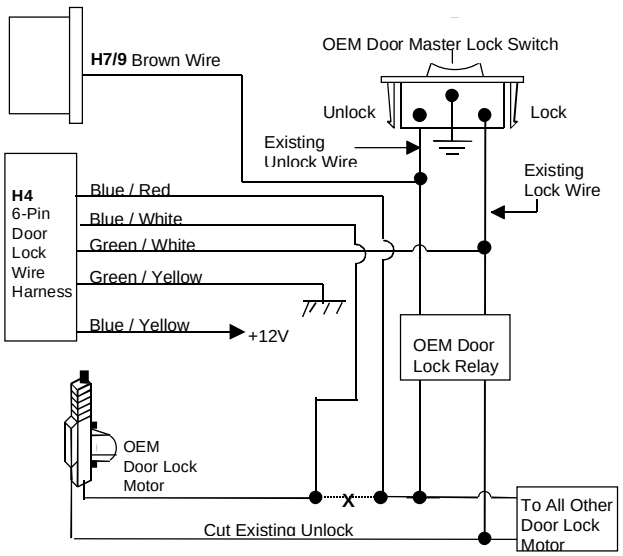


VACUUM OPERATED DOOR LOCKING SYSTEM:

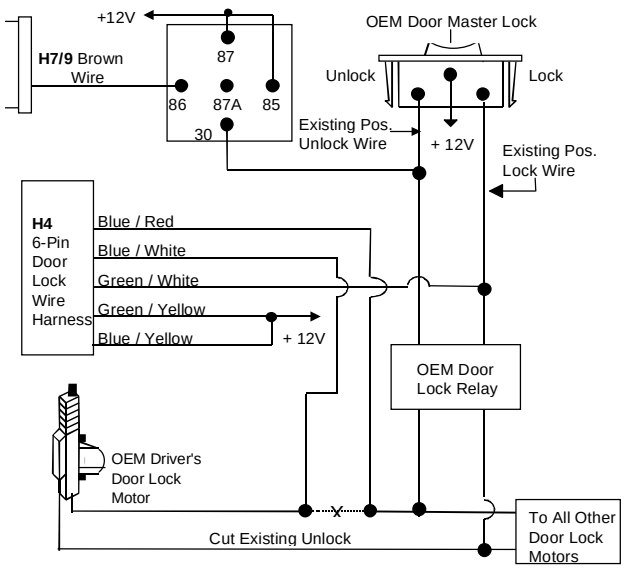
TYPICAL OF MERCEDES BENZ AND AUDI.

Locate the wire under the driver's kick panel. Use the voltmeter connecting to ground, verify that you have t correct wire with the doors unlocked, the voltmeter wil receive "12 volts". Lock the doors and the voltmeter w read "0 volt". Move the alligator clip to +12V and the voltmeter will receive "12 volts". Cut this wire and mal connections. Be sure to program door lock timer to 3.5 seconds. (See Feuture **II – 1** Programming.)

2 STEP DOOR UNLOCK WIRE CONNECTION FOR GROUND SWITCHED DOOR LOCKS



2 STEP DOOR UNLOCK WIRE CONNECTION FOR POSITIVE SWITCHED DOOR LOCKS



PROGRAMMING

A. THE TRANSMITTERS:

Note: This mode will only retain the last 4 remote transmitters programmed. If the transmitter memory is exceeded, the security system will start deleting transmitters from memory in chronological order.

1. Turn the Ignition 'switch 'OFF/ON' 3 TIMES and stay in ON position. Within 15 seconds.
2. Push the Valet switch **3** times and holding in on **3rd** push until a long chirp is hearing then release the valet switch. You are now in the Transmitter programming mode.
3. Press and hold any button of the transmitter until the siren responds with a confirming chirp, indicating the signal has been stored into memory.
4. If you have additional transmitters (up to 4) that need to be programmed, repeat step 3 for each transmitter.

Exit: Turn Ignition to 'OFF' position, or leave it for 15 seconds. A 3 long chirps & 3 parking light flashes to confirm exit.

B. ALARM FEATURES PROGRAMMING:

ALARM FEATURE "I" PRORAMMING:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **2** times and holding in on **2nd** push until **one** chirp with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'I'** programming mode.

3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to change.
   a. The siren chirps and LED pause will indicate newly setting.
   b. The system would advance to [2] LED flash, [2] chirp. (The factory default settings are always [1] LED flash, [1] chirp.)
4. Depress the transmitter button 'A' again to change the feature again. Simple keep re-depressing the transmitter button 'A' again until the module advances to your desired setting.
5. Depress the transmitter button 'B' corresponding to the feature 'B' you wants to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses
1 🔒	All Chirps on	Siren Chirps on only	Horn Chirps on only	All Chirps off
2 🔓	Automatic Rearm on	Automatic Rearm off		
3 🚗	Instantly Door Ajar error chirp	45 seconds Delay Door Ajar error chirp.		
4 ✱	Without Car-jack mode	Active Car-jack mode	Passive Car-jack mode	

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. A 3 long chirps to confirm exit.

ALARM FEATURE "II" PRORAMMING:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **4** times and holding in on the **4th** push until **two** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'II'** programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses
1 🔒	0.8-second Door lock pulses.	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	Without ignition controlled door locks	Safety lock with Hand brake	
4 🔒 + 🚗	Ignition controlled door unlocks	Without ignition controlled door unlocks		
5 ✱	Pathway illumination feature "off"	Parking light "on" for 30- second upon an unlock signal	Parking light "on" for 30- second upon an unlock signal & 10-second upon a lock signal.	

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. A 3 long chirps to confirm exit.

Comfort Feature:

Some Vehicles have a special "COMFORT feature". When you lock the door with the key, you just have to keep on turning the key on the door about 5 or 7 seconds and the window will close directly.

If your vehicle with "COMFORT feature" and you wish the door being locked and the window being closed automatically at the same time by remote control, you can set the alarm feature **II-1** "with comfort feature".

ALARM FEATURE "III" PRORAMMING:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **6** times and holding in on the **6th** push until three chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature 'III' programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses	Three Chirps / LED three pulses	Four Chirps / LED four pulses

1 🔒	The Vehicle without Turbo (The system Can not be Arm with the engine running)	The Vehicle has aftermarket Turbo timer installed: The system Can be Arm with the engine running and		
		The shock sensor will be bypass as long as the engine running.	The shock sensor will be bypass for one minute	The shock sensor will be bypass for three minutes
2 🔓	H1/5 Brown Wire = Constant Siren output for 6-tone siren	H1/5 Brown Wire = 5-second pulse Siren output for signal tone siren	H1/5 Brown Wire = Random pulse Siren output	H1/5 Brown Wire = Horn Output
3 🚗	H7/11 Gray Wire Channel 3 Output = 1 second pulse output for trunk release.	H7/11 Gray Wire Channel 3 Output = Latch output	H7/11 Gray Wire Channel 3 Output = Timer controlled output	H7/11 Gray Wire = Pager output
4 ✱	✱ Button = PANIC Function.	✱ Button = Channel 4 Function.		
5 🔒 + 🚗	H7/10 Pink Wire Channel 4 Output = Momentary output	H7/10 Pink Wire Channel 4 Output = Latched output	H7/10 Pink Wire Channel 4 Output = Timer programming (set to any interval between 1 second and 2 minutes.)	H7/10 Pink Wire = Horn output

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. A 3 long chirps to confirm exit.

Channel 3 (4) Timer Control Output Programming

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **6** times and holding in on the **6th** push until **three** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'III"** programming mode.

3-a. Press and release the transmitter 🚗 button 2 times, [3] LED flash, [3] siren/horn chirp to indicate you are in features "Channel 3 Timer Programming mode".

3-b. Press and release the transmitter 🔒 and 🚗 buttons at the same time twice, [3] LED flash, [3] siren/horn chirp to indicate you are in features "Channel 4 Timer Programming mode".

4. Press and hold the valet switch, the timer will immediately start.
5. When the desired interval has passed, release the valet switch. 1 long chirp for confirmation. (Set to any interval between 1 second and 2 minutes)

Note 1: If your built-in timer controls window/sunroof closure in your car DO NOT change the timer setting! This requires installer-only programming. Changing the value will adversely effect operation and may cause damage.

Note 2:

Momentary output = The momentary output selection will output a negative signal from the Channel 4 output immediately when the channel 4 button is pressed and will continue until the button is release.

Latched output = The latched output selection will output a negative signal as soon as the Channel 3 (4) button is pressed and will continue until the button is pressed again.

ALARM FEATURE "IV" PRORAMMING:

1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **8** times and holding in on the **8th** push until four chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature 'IV' programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse **Factory Default Setting**	Two Chirps / LED two pulses
1 🔒	Exit the programming mode. (3 long chirp to confirm this exit.)	
2 🔓		
3 🚗	Override Without Password Pin Code **/** Press & hold 🚗 button for 4 seconds to delete the Password pin code	Override With Password Pin Code **/** Password pin code programming
4 ✱	"TEST" Mode for Zone 2 Hood & Zone 3 Door Pin Switch	"TEST" Mode for Zone 4 / the Optional Sensor connected to 4 pin plug.

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. A 3 long chirps to confirm exit.

Password Pin Code Setup:

1. Turn the Ignition 'switch 'ON/OFF' 3 times and stay in OFF position.
2. Push the Valet switch **8** times and holding in on the **8th** push until **four** chirps with a long chirp is hearing then release the valet 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 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 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. A [3] long chirps to confirm exit. Will revert back to the last successfully stored code

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 switch **8** times and holding in on the **8th** push until **four** chirps with a long chirp is hearing then release the valet 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 switch **8** times and holding in on the **8th** push until **four** chirps with a long chirp is hearing then release the valet 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 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 switch 2 times.
7. Turn the Ignition Switch to "OFF' position.

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

Test Mode

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 switch **8** times and holding in on the **8th** push until **four** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature **'IV'** programming mode.

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 (H7/4 Blue wire)	2
Zone 3 / Door trigger (H7/5 Violet & H7/7 Green Wire)	3

3-b. Test the Zone 1 /2 Shock Sensor (Connected to **H2** 4 Pin Plug)**:**

Press and release the transmitter ✱ button again. [2] LED flash, [2] siren/horn chirps to indicate you are in shock sensor (connected to **H2** 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 switch **12** times and holding in on the **12th** push until **six** chirps with a long chirp is hearing then release the valet switch. You are now in the "Return To Factory Default Setting" programming mode.

4. Press the 🔓 and ✱ buttons at the same time on the transmitter together for 5 seconds, there will be a confirmation six chirp with 3 long chirp to confirm the system "Alarm Feature I & II & III & IV Programming all returns to factory default setting.

OPERATION:

A. TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
🔒	Lock Doors & Arm System	
🔒 - 🔒	Arm and Delete The 2 Stage Shock Sensor.	Press twice within 3 seconds
🔒 - 🔒 - 🔒	Arm and Noiseless mode	Press within 3 seconds.
🚗 - 🔒	Arm System and Hidden Alarm Function	Press within 3 seconds
🔒 + 🔓	Silent Arming / Disarming	Ignition in "off" position.
🔒 + 🔓 (2-second)	Active Anti Car-Jacking Mode	Ignition in "on" position press and hold for 2 seconds
🔓	Unlock Doors & Disarm System	
🔓 - 🔓	Two Steps Door Unlock & Disarm System	Press twice within 3 seconds.
🚗 (2-second)	Trunk Release (Channel 3)	Press and Hold for 2 seconds
🚗 - 🚗	Passive Arming By-pass	While the system Disarmed.
🚗 - 🚗 - 🚗	Remote control Enter/Exit Valet mode	Press within 3 seconds.
✱	Car Locator	
✱ (3-second)	Panic function	Press and Hold for 3 seconds.
🔒 + 🚗	Channel # 4 Timer Output	
II	Switching code For 2nd Car Operation or Garage Door Opener	

✱ Button = Channel 4 Function. (See Feature III – 4 Programming)

🔒 (3-second)	Panic Function	Press and Hold for 3 seconds.
🔒	Car Locator	Upon Armed
✱	Channel 4 Timer Control	

Second Vehicle Security Operation:

Your 5-button remote transmitter can be utilized to control a second vehicle security system, To program the remote control transmitter to a second vehicle, follow the instructions for Transmitter programming. All programming parameters be the same except for the following:

1. Prior to pushing any button on the transmitter. Press the Select **II** button first on the transmitter.
2. Once **II** button is pressed the LED on the transmitter will illuminate for 3.5 seconds to indicate the second transmitter pin code has built-in.
3. While the LED is illuminated, press any button on the remote control transmitter to control a second vehicle security system.

B. LED INDICATORS:

LED	Function
Off	Disarmed
Slow Flash	Armed
Fast Flash	Passive Arming
On (Solid)	Valet Mode

LED	Function
2 flashes... pause	Zone 2 / Trigger on Trunk/Hood
3 flashes... pause	Zone 3 / Trigger on Door Switch
4 flashes... pause	Zone 4 / Trigger on Shock Sensor
5 flashes... pause	Zone 5 / Trigger on Ignition Switch

C. CHIRP INDICATORS:

Chirp	Function
1 chirp	Arm
2 chirps	Disarm

D. PARKING LIGHT:

Parking light	Function
1 flash	Arm
2 flashes	Disarm

3 chirps	Ajar Warning
4 chirps	Disarm / Triggered
6 chirps	Car locator

3 flashes	Disarm / Triggered
12 flashes	Car locator

E. SYSTEM OPERATING CONDITION:

	Siren, Horn	Parking Light	LED	Doors	Starter	Dome Light	Pager
1. Arming	1 or 3 Chirps	1 Flash	Slow Flash	Locking	Disable		
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Fast Flash or Off	Unlocking		Turns on for 30 -second	
3. Trigger	Alarming	Flashes	Slow Flash		Disable	Flashes	On
4. Panic	Alarming	Flashes				Flashes	
5. Car-Jacking	Alarming	Flashes			Disable	Flashes	
6. Car Locator	6 Chirps	12 Flashes					

F. ACTIVE ARMING – LOCK & ARM:

1. Press 🔒 button on the transmitter.
2. The siren will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.

AJAR WARNING: If the siren sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. (See Alarm Feature **"I - 3** Programming)

SILENT ARMING / DISARMING: Press the 🔒 and 🔓 buttons at the same time on the transmitter will arm or disarm your security system, No chirp sound will be heard, arm / disarm confirmation will be through the vehicles parking lights only.

NOISELESS MODE:

Press and release the 🔒 button once: The siren chirps once, The system is armed.

Press the 🔒 button a third time within 3 seconds. The siren chirps once again, the system is now in Noiseless mode, On this mode trigger the zone 4 shock sensor the trigger timer will reduce from 30 seconds to 15 seconds. .

The noiseless feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

SHOCK SENSOR / OPTIONAL SENSOR BY-PASS: Press the 🔒 button on the transmitter twice within 3 seconds will arm the security system, by-pass the shock sensor and the optional sensor connected to 4 pin plug. The system will chirp one additional time to confirm the sensor bypass mode was activated. The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

HIDDEN ALARM FUNCTION: Press the 🚗 button first; within 3 seconds press the 🔒 button to activate the hidden alarm function. The security system will arm and with "Hidden Alarm Function". The siren / horn will be silenced even if the sensor is triggered in the armed status.

G. PASSIVE ARMING (See Feature **"II - 2"** Programming)

Active arming / disarming is controlling your security system via the remote transmitter. This security system is equipped with an optional Passive Arming feature, which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.

1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door / hood / trunk, the security system LED will stop flashing. It will begin flashing again once the vehicle all entrances are closed.
3. After 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp [1] time and the parking lights will flash [1] time.

PASSIVE DOOR LOCKING: (See Feature **"II - 2"** Programming)

The vehicle doors will automatically lock after passive arming cycle has been completed.

PASSIVE ARMING BY-PASS: While the system disarmed, Press the 🚗 button twice, the security will respond with [1] chirp and LED will turn "ON". The security system will remain in this temporally state for as long as you wish. To exit passive by-pass, press the transmitter 🔒 or 🔓 button and the system will return to normal status.

H. ACTIVE DISARMING – UNLOCK & DISARM:

1. Press 🔓 button on the transmitter.
2. The siren will chirp twice and parking light will flash twice to indicating that the security system is now disarmed. The vehicle doors will unlock and dome light will turn on for 30 seconds upon disarming when interfaced with the security system.

TAMPER DISARMING: If alarm triggered, upon disarm the system, siren chirp 4 times, parking light flash 3 times.

PATHWAY ILLUMINATION (See Alarm Feature **"II - 5"** Programming): This feature turns the parking light "ON" for 30 seconds upon a unlock signal and for 10 seconds upon the lock signal.

TWO STEP DOOR UNLOCK: This feature will independently unlock the drives door only when disarming the security system. Pushing the 🔓 button on the transmitter a second time within 3 seconds will unlock the entire vehicle.

AUTOMATIC RE-ARM (See Feature **"I - 2"** Programming): If this feature is selected, the security system will automatically re-arm itself 60 seconds after disarming with remote transmitter. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

I. DISARMING WITHOUT A TRANSMITTER

OVERRIDE THE ALARM WITHOUT PASSWORD PIN CODE: (Factory Default Setting)

The Override function may be used if the remote transmitter is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 10 seconds push and release the valet switch

The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

OVERRIDE THE ALARM WITH PASSWORD PIN CODE: (Alarm Feature **IV - 3** Programming**)**

Unlike valet switch easily found, and defeated, this security system allows the consumer to program a password pin code. Offering a higher level of security.

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 5 seconds, enter your chosen first 10ths digit by press and release the Valet Switch.
3. Within 15 seconds of the last entered 10ths digit, turn the Ignition Switch "OFF" then "ON".
4. Within 15 seconds, enter your chosen second 10ths digit by press and release the Valet Switch.
5. Turn the ignition switch "OFF" position.

[4] Chirps form siren/horn, [3] flash from parking light and LED will turn off to indicate the system was disarmed.

EXAMPLE: To Override The System With The Password Code 83, you would;

1. Enter the vehicle and turn the ignition switch to 'ON' position. (Alarm will sound.)
2. Within 5 seconds, Press and Release the Valet Switch 8 times
3. Within 15 seconds of the last entered 10ths digit, turn the Ignition Switch "Off" then "ON".
4. Within 15 seconds, Press and Release the Valet Switch 3 times
5. Turn the Ignition Switch to "Off" position.

[4] Chirps form siren/horn, [3] flash from parking light and LED will turn off to indicate the system was disarmed.

J. VALET MODE: (System in Disarm or Valet mode)

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function are bypassed, however the remote panic feature and remote door locks will remain operational. To use the valet mode, the system must first be disarmed either by using you remote transmitter, or by operating the manual override sequence.

Enter Valet Mode: 1. Turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

Exit Valet Mode: 1. Return to normal operation, turn ignition 'ON'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicate the system are exiting the valet mode.

REMOTE VALET: (System in Disarm or Valet mode)

Press and release the 🚘 button three times within 3 seconds to enter / exit valet mode.
A parking light flash to confirm enter valet mode
Two parking light flashing to confirm exit valet mode.

K. CAR LOCATOR

Press the ✱ button on the transmitter to active car locator function. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.

L. PANIC FUNCTION:

The transmitter can be used as a remote panic switch to manually trigger the alarm in case emergency.

1. Press and hold ✱ button on the transmitter for 3 second. The alarm will immediately sound.
2. During panic mode, the normal function of this transmitter button will be suspended. The 🔒 and 🔓 buttons can be used to lock and unlock the doors (if the option is installed), however once the 🔓

button is pressed, the vehicle's starter disable device, (where installed) will be enable allowing the vehicle to start.

3. To stop the alarm, press and hold ✱ or 🔒 button on the transmitter again for 3 seconds. Also if any transmitter buttons other than ✱ or 🔒 button is pressed and released, the panic mode will be turned off immediately.
4. If the button is not pressed, the alarm will automatically stop after 30 seconds.

M. TRIGGER THE SYSTEM

When armed, your vehicle is protected as follows:

1. Light impacts will trigger the warn-away signal. A long chirp from siren/horn.
2. Heavy impacts / Doors open / Hood open / Trunk open / Turn on the ignition key will trigger the programmed sequence.

The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren, horn, parking lights, and dome light will turn on to alerting of an intrusion for 30 seconds. Then it will stop and automatic reset and re-arm. If the one of sensors or detectors still active, the alarm system will sound a maximum of 6 times of 30 seconds cycles.

NOISE ABATEMENT CIRCUIT: Your system has "Noise Abatement Circuit". It prevents annoying repetitive trigger sequences due to faulty door pin switches or environmental condition such as thunder, jackhammers airport noise, etc.

Here's how "Noise Abatement Circuit" works: The alarm triggers five times. Each time, the same sensor or switch is triggering the alarm. "Noise Abatement Circuit" will interpret this pattern of triggers as false alarm. After the fifth trigger, "Noise Abatement Circuit" ignores, or by pass, that sensor or switch until the other sensor or switch is trigger.

Doors (Hood/Trunk) are covered by "Noise Abatement Circuit" differently: If the alarm is triggered by an open door for six full cycles (three minutes), the doors will be bypassed until the trigger ceases.

N. ANTI CAR-JACKING

Warning: If you don't need the car jacking function in this alarm system, be sure to set car jacking feature "OFF". This system is default setting all car-jacking "OFF". (See Alarm Feature **I - 4** Programming.)

ACTIVE ANTI CAR JACKING:

1. Press and hold the transmitter 🔒 and 🔓 buttons at the same time for 2 seconds while the vehicle's ignition is ON. The parking lights will turns on for 1.5 seconds to indicate the system enters the car-jacking mode.
2. Once the system in car-jacking mode, If you are forced from the vehicle, the system will be trigger when the door is opened and closed while the ignition is "ON".

PASSIVE ANTI CAR- JACKING:

1. Turn the ignition switch to "ON" position; the system enters the car-jacking mode.
2. Once the system in car-jacking mode, If you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".

TRIGGER THE ANTI CAR -JACKING MODE:

a). 50 seconds after the system has beer triggered. The siren will start chirping for 15 seconds.

b). During this 15 seconds period of chirping, you will be alerting to push the valet switch once to turn off the car-jacking feature. If not, it will enter second timer car jacking.

c). 65 seconds after the system has beer triggered. The siren starts alarming and the parking light starts flashing.

d). 90 seconds after the system has beer triggered

1. The siren still alarming and the parking light flashing, and
2. The starter disable will activate to prevent the vehicle from starting.
3. It will remain active until the vehicle's battery power exhausted.

OVERRIDE THE SYSTEM TO TURN OFF ANTI CAR- JACKING:

Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system disarmed

Note: If you use password pin code to double protect the vehicle security, you will need to use it to completely disarm the system.

O. DOME LIGHT CONVENIENCE DELAY & SUPERVISION

The alarm with a unique feature which will turn on your vehicle dome light as following:

1. Upon disarming, the interior lights will remain on for 30 seconds.
2. If the vehicle is intruded, the interior light will flash for the same duration as the siren.

Note: Turn ON the ignition switch or arm the alarm will turn off the dome light.

P. IGNITION CONTROL POWER DOOR LOCK SAFETY SYSTEM. (See Feature **II – 3/4** Programming.).

a. Safety lock with ignition switch and vehicle's door. (Factory default setting)

1. Turn the ignition switch on and close all vehicle's doors. After 3 seconds, the system will automatically lock the central locking system.
2. Turn the ignition switch off. The system will automatically unlock the central locking system.

b. Safety lock with ignition switch and handbrake.

Connect the BLACK/WHITE wire to the handbrake switch for this application and programmed the "Safety lock with handbrake" on feature programming.

1. Turn the ignition switch on, close all vehicles' door and release the handbrake. The system will automatically lock the central locking system.
2. While the ignition switches on, Re-open and close the vehicle's door and release the handbrake, The system will automatically lock the central locking system.
3. Turn the ignition switch off and pulling up the handbrake. The system will automatically unlock the central locking system.

Q. TRUNK RELEASE (Factory default setting) / CHANNEL 3 TIMER CONTROL OUTPUT. (See Alarm Feature **III – 3** Programming.)

Press and hold the button on transmitter for two seconds to remote control the trunk release or other electric devices.

Channel 3 is user-programmable timer output. 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 headlight, power window or sunroof.

Note: Factory default setting at 1 second pulse grounded for trunk release output.

R. CHANNEL 4 TIMER CONTROL OUTPUT (See Alarm Feature **III – 5** Programming.)

Press the transmitter and button at same time to active Channel 3 function.

Channel 4 is user-programmable timer output. 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 headlight, power window or sunroof.

Note: Factory default setting at momentary output.

S. POWER ON MEMONRY:

This security system is equipped with circuitry that will allow the unit to remember its alarm state if the power is lost and then reconnected.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions.
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.