



XP

PROFESSIONAL REMOTE ALARM SYSTEM

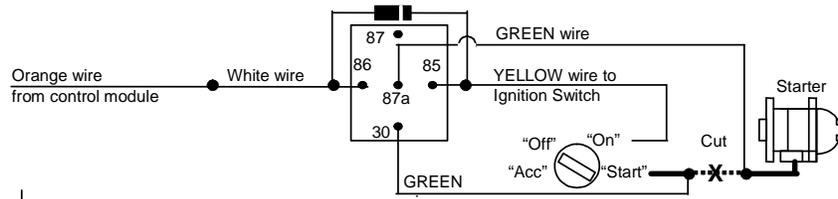
INSTALLATION
& USERS MANUAL

This unit is designed for professional installation only and must be installed by an Encore authorized dealer. Please register this product at www.encoreautomotivesystems.com.

8 Pin Connector

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 preventing any unauthorized starting.

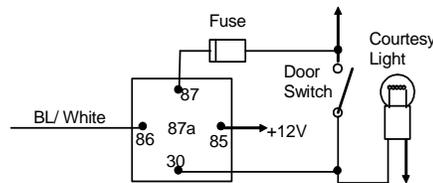


Blue wire – Ground Instant Trigger Input (-)

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

Black / White wire – (-) 200mA Dome Light Control Output –

This wire becomes grounded when the dome light control circuit is active. The current capacity of this wire is 200mA. This wire can control the operation of the interior lights when the system is disarmed. An optional 10 Amps relay can be used to this system for interior lights operation.



Brown / White wire – (-) 200mA Horn Output –

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

Gray wire – (-) 200mA Channel 3 (Trunk) Output –

This will become a 1 second pulse ground by pressing (button 3) on transmitter for two seconds, the current capacity of this wire is 200 mA. This feature allows you to remotely control trunk release or other electric device. (Relay may be required).

Brown wire – (+) SIREN OUTPUT –

This wire provides power to the supplied siren. Connect the Brown wire to the Red wire of the siren. Connect the Black wire of the siren to a stable chassis ground.

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.

The door trigger wires are vital for the operation of the optional anti-carjacking mode.

Violet wire – Positive Door Switch Sensing Input

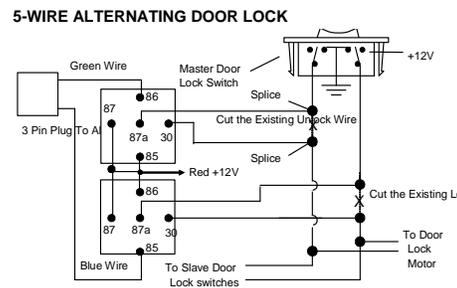
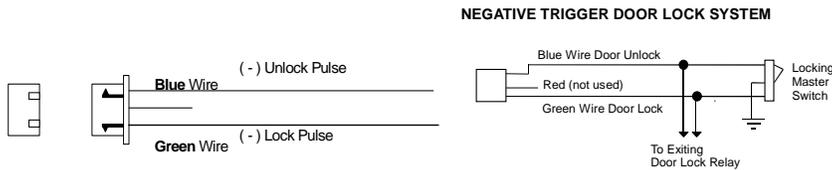
This wire is the positive trigger input wire for positive door pin switch. This wire is connection for "positive" type factory door pins (typically FORD). Locate the "common wire" for all door pins and make the connection of the VIOLET Wire here.

2-Pin Door Lock Connector:

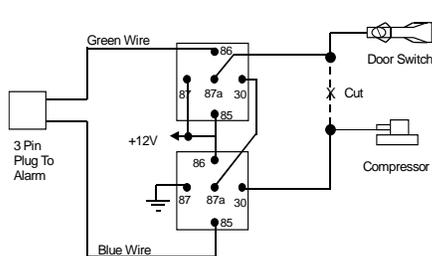
Green wire – Lock Negative output

Blue wire – Unlock Negative output

Relays will be needed for positive door locking systems



VACUUM OPERATED CENTRAL LOCKING



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 receive "12 volts". Lock the doors and the voltmeter will read "0 volt". Move the alligator clip to +12V and the voltmeter will receive "12 volts". Cut this wire and make connections. Be sure to program door lock timer to 3.5 seconds. (See Alarm Feature B – 3 Programming.)

Button Function:

Transmitter Button	System Function	Remark
 Button 1	Lock doors / ARM	ARM
 Button 1	Arm and Delete shock Sensor	Keep Pressing  until the horn chirps a second time
 Button	Car Locator	Press While the System is Armed.
 Button 2	Unlock Doors / DISARM	Also Stop Panic and trigger
 Button 3 for 3 seconds	Pop Trunk Release	Press 3 seconds
 +  Buttons Together	Silent LOCK / UNLOCK	Ignition in "OFF" position.
* Button 4	Activate Car-Jacking If Programmed in manual mode	Ignition in "ON" position. Press again stop manual car-jacking
* hold 2 seconds	Panic	Press Unlock  to stop panic

 Button 1: Arms the system and lock the door. Pressing this button while the system is armed will activate the system's Car locator feature. You can disable the shock sensor if this button is held until you hear 2 horn chirps.

 Button 2: Disarms and unlocks the system. This button also stops Panic when the car is in Panic Mode.

 Button 3: Pressing this button for 3 seconds, activates the Pop Trunk Release if installed

* Button 4: Activates the Panic function. Press the **Unlock**  to stop panic mode. It will also initiate the anti-carjacking mode if manual mode has been programmed.

Pressing the  and  buttons together will silently arm and disarm the system.

Adding or replacing Transmitters.

To replace lost or stolen transmitters or to add additional transmitters into the system. Please have all desired transmitters ready and follow the steps below.

Note: Up to 4 transmitters can be programmed to operate the system. To erase any previously stored transmitter codes, be sure to program all 4 transmitter memory locations.

To program the transmitter(s):

1. Turn on the ignition key On, Off, On, Off, and back On.
· The siren will chirp 3 times.
2. Press and hold the Override switch for 5 seconds.
The siren will chirp 5 times.
The LED will illuminate.
3. Press Button 1 on the first transmitter.
The siren will chirp once.
4. Repeat steps 3 and 4 for each transmitter (up to 4).
5. Turn off the ignition key.

Tamper Alert

If the system was triggered while away, the LED will flash to indicate which zone system after disarming and turning on the ignition. The LED indication will repeat

LED Flashes:

1 flash	----	optional sensor
2 flashes	-----	shock sensor
3 flashes	-----	not used
4 flashes	-----	door
5 flashes	-----	trunk
10 flashes	-----	main power interrupt or system was reset

example: flash-flash-pause-flash-flash pause = shock sensor

Remote Arming

The system monitors 3 independent areas (zones) while armed: doors, hood/trunk, and shock sensor input.

To Arm the System:

1. Turn off the ignition.
2. Press Button 1.
The siren will chirp once.*

The doors will lock.

The parking lights will flash once.

The LED will turn On, to indicate the starter defeat is activated.

3. 5 seconds after Arming, the LED will start blinking to indicate that the doors and hood/trunk inputs are being monitored.

* During Arming, if the system detects a bad sensor or an open zone, the system will chirp 4 additional times and ignore that input, but keep all other areas protected.

Once Armed, the alarm will trigger when any of the following occurs;

The Ignition is turned **ON**

The doors are opened.

The hood or trunk is opened.

The shock sensor detects an impact to the vehicle.

When the alarm triggers, the siren will sound, the horn will honk, and the parking lights will flash, If the system is triggered by the doors, or hood/trunk, the system will alarm for 45 seconds. If triggered by the shock sensor input, the system will alarm for 30 seconds.

In the event the alarm is triggered and remains triggered continuously by the same sensor or input during a single arming cycle, that sensor or input will be automatically bypassed until the next time the system is armed.

If the Shock Sensor detects a light impact to the vehicle, the siren will chirp 5 times as a warning indication.

Remote Disarming

To Disarm the System:

Press Button 2.

The siren will chirp twice.*

The doors will unlock,

The parking lights will flash twice and will remain ON for 30 seconds if programmed

The dome light will turn on**.(Optional)

The LED will turn off.

* During Disarming, if the system was triggered while away from the vehicle the siren will (chirp 3 times, and the parking lights will flash 3 times.

**If the optional Dome Light Activation Feature is installed

Passive Arming

When programmed for the optional Passive Arming feature, the system arms itself automatically, each time the ignition is turned off and all of the doors, hood, and trunk are closed.

TO start the Passive Arming Process:

1. Turn off the ignition.
2. Open the door and exit the vehicle.

Once all doors are closed and the dome light is off, the LED will begin flashing rapidly.

3. After 30 seconds,
 - The siren will chirp,
 - The parking lights will flash,
 - The doors will lock,*
 - The status LED will begin flashing.

4. The system is now armed.

* If the Passive Locking feature is selected.

If the Passive Arming with Countdown feature is programmed, the siren will chirp every 2 seconds until the system passively arms.

Note: If the Passive Arming feature is enabled, the Automatic Rearming feature will also be enabled even if it was not already programmed.

Panic Mode

In the event of an emergency, the transmitter's Panic feature can be used to instantly trigger the arm.

To activate the Panic Mode:

1. Press Button 4.
 - The alarm will sound.
 - The parking lights will flash.
 - The doors will unlock* allowing access to the vehicle,

2. Press the Unlock Button  to stop Panic Mode.

*If the ignition is on when the Panic feature is activated, the doors will lock for personal safety.

Emergency Override

If the transmitter is lost or inoperable, the system can still be disarmed using the following procedure. Before beginning this procedure be sure to have the ignition key ready and know the location of the override switch.

TO Override the system:

1. Unlock the door using the key.

2. Enter the vehicle.
, The system will trigger and the siren will sound.
3. Turn the ignition key to the ON position.
4. **Press and hold the override switch until the alarm shuts off.**
The system will disarm.
5. The vehicle will now be able to start.

Optional Coded Emergency Override

As an extra measure of security, the system is equipped with an optional Coded Emergency Override feature. Once an Emergency Override Code is chosen and programmed during installation, the system can No longer be disarmed using the standard override procedure.

To Emergency override the system using the Code:

1. Follow steps 1-3 above.
2. Press the override switch a number of times equal to the Disarm code, and continue holding for 10 seconds on the last press,
The system will disarm, If the code is entered incorrectly, turn off the ignition and begin again.

To set the Emergency override Code:

1. Turn on ignition.
2. Within 5 seconds, press the valet switch 5 times.

The siren will provide one long chirp, indicating that you have entered Programming.

3. Press the valet switch 3 times.

The siren will chirp each time the valet switch is pressed.

4. Within 5 seconds, press Button 3 on the transmitter.

The siren will chirp 3 times.

5. Press the valet switch the number of times equal to the desired code (from 1-15)

6. Turn off the ignition then arm the system.

7. Disarm the system using the new Override Code to permanently store the new code.

Note: If the code set procedure is not properly performed, turn off the ignition and begin again. The override code will not be permanently stored until the code is used to disarm the system.

Valet Mode

The Valet Mode temporarily disables the security system so the vehicle may be operated by a mechanic or parking attendant.

To activate or deactivate the Valet Mode:

1. Turn on the ignition.
2. **press and hold the override switch for 5 seconds.**

The siren will chirp once and the LED light will stay ON to conform the Valet Mode is on.

The siren will chirp twice and the LED light will turn OFF to conform the Valet Mode is off.

3. Turn off the ignition.

While in Valet Mode the remote transmitters will continue to lock and unlock the doors, and operate the optional auxiliary functions.

Battery Replacement

Your Remote Transmitter uses A 12 volt batteries (**type CR2016**), which will require replacement in time. Depending on the amount of use, the battery may last up to one year or more before it needs replacement.

When the battery needs replacing, the system's operating range will decrease or the transmitter LED may not be as bright,

In order to change the battery, separate the top and bottom halves of the case.

While replacing the battery make sure that the positive and negative terminals are positioned correctly, then carefully reassemble the transmitter case.

Ignition Controlled Door Locks

For added safety, the Ignition Door Locking feature allows vehicles equipped with power door lock systems to automatically lock the doors when the ignition is turned on, and unlock the doors after the ignition key is turned off. If a door is open when the ignition is turned on, the ignition locking feature is disabled to protect against locking the keys inside the vehicle.

Dome Light Activation (Optional)

If the optional Dome Light Activation feature is installed, the dome light will turn on when the system is disarmed using the Remote Transmitter. The dome light will remain on for 30 seconds or until the ignition is turned on.

Remote Shock sensor Disable

When parking the vehicle in areas susceptible to unwanted disturbance from animals or strong weather conditions that could cause the Shock Sensor to trigger, the sensor can be temporarily bypassed using the Remote Transmitter, preventing possible false alarms.

To disable the Shock Sensor:

1. Arm the system normally and **continue holding the lock button** until a second chirp is heard. **The siren will chirp a second time** and the parking lights will flash 1 extra time to indicate the sensor is disabled.

The sensor will remain disabled until the next arming cycle.

Silent Arming/Disarming

The system can be programmed to operate without Arm and Disarm chirp indications. When programmed for full-time silent operation, the siren will sound only when the system is triggered.

The system is also capable of temporary silent operation when needed. Pressing **button 1 and 2 together** will bypass the chirp conformations for Arm/Disarm and allow one-time silent operation.

Note: The open zone warning chirps will not be bypassed when the system is Armed or Disarmed silently.

Anti-carjacking protection

For a higher level of personal security, the system is equipped with three programmable Anti-Carjacking modes. When any Anti-Carjacking mode is triggered, the parking lights will flash twice and the LED will flash to confirm activation. After 90 seconds the siren will begin chirping for 15 seconds as a warning prior to entering full alarm mode. During the full alarm mode, the siren will sound, the parking lights will flash, and the horn will honk for up to five minutes or until the system is reset.

Manual: When selected, activating the button 4 will automatically trigger the Anti-Carjacking feature; Press the button 4 again to reset the Manual Anti-Carjack mode.

Passive (recommended if carjacking is selected): When selected, the Anti-Carjacking feature will activate whenever a door is opened while the ignition is on. **To turn OFF the anti-carjacking feature press the Valet switch for 4 seconds. If triggered, Turn the Ignition OFF the then ON again and press the Valet switch for 4 seconds to reset the Passive Anti-Carjacking mode. Stop the vehicle in a safe place before turning OFF the ignition.**

Full-time: when selected the anti-carjacking will automatically activate each time the ignition is turned ON. **To turn OFF the anti-carjacking feature press the Valet switch for 4 second. If triggered, Turn the Ignition OFF the then ON again and press the Valet switch for 4 seconds to reset the Anti-Carjacking mode. Stop the vehicle in a safe place before turning OFF the ignition.**

Full time anti carjacking is not recommended and the system will have to be disarmed each time before the vehicle is driven.

Shock Sensor: Adjustment

The two stage shock sensor is to be installed under the driver's side dash as close to the middle of the vehicle as possible. It has two adjustments.

One for the first stage known as warn away. This will trigger a few horn and siren chirps if the vehicle has sensed a small impact.

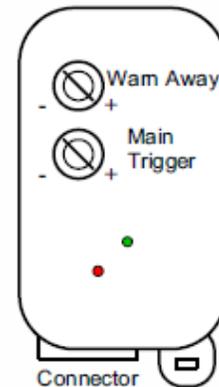
The main or second stage will trigger on a heavier impact and put the system in full alarm mode.

Both of these zones are independently adjustable with a small standard screwdriver at the shock sensor.

Clockwise = MORE SENSITIVE Counter Clockwise = LESS SENSITIVE.

When the ignition of the vehicle is in the OFF position, The LED can be used to adjust the sensor. The LED of the system will flash slightly every time the sensor detects impact.

Please note that the interior LED will be ON solid when the ignition is OFF and any trigger is present. This will happen if the doors are open or if the shock sensor is showing trigger.



SYSTEM PROGRAMMING:

Entering System Programming

To enter System Programming;

1. Turn on ignition.
2. Within 5 seconds, press the valet switch 5 times.

The siren will provide one rapid chirp, indicating that you have entered Programming. **The horn will not sound entering programming mode but the LED will light solid after 2 seconds indicating you have entered programming mode.**

3. Press the valet switch the number of times equal to the System Parameter you want to change.

The siren will chirp each time the valet switch is pressed.

4. Within 5 seconds, press the transmitter button corresponding to the desired operating mode for that System Parameter.

The siren will chirp to indicate the setting.

- | | | |
|-----------------|--------------|-----------------|
| 1 chirp | ---- | Button 1 |
| 2 chirps | ---- | Button 2 |
| 3 chirps | ----- | Button 3 |

5. When you are finished, turn off the ignition to save the changes.

Only program one feature at a time and start again for other options.

Default Reset

Following this procedure will set all System Programming Parameters to factory default settings.

1. Enter System Programming.
2. Press Transmitter **Button 3**.

The siren will chirp 4 times indicating that the reset signal was received.

All System Programming parameters are now set to factory default settings.

3. Turn off ignition

Programmable options:

	Branch feature	Button 1 (default)	Button 2	Button 3
1	Horn Chirps W/ Arm & Disarm	Horn Chirp W/Warn away	Horn Chirp Disabled	Horn Chirps Enable
2	Arm Mode	Manual Arming	Passive Arming	Passive w/countdown
3	Passive Door Locking	Disabled	Enabled	Set Override Code
4	Ignition Controlled Lock	ON	OFF	Lock Only
5	Door input Monitoring	60 seconds	10 seconds	
6	Auto Rearming	Disabled	Enabled	
7	Door Unlock Pulse	Single	Double	
8	Arming chirp	Normal	Silent	
9	Extended Parking Light	ON	Off	
10	Disarm with Aux 1	Disabled	Enabled	
11	Door lock pulse length	1 second	3 second	0.1 second
12	Anti-carjacking	Disabled	Enabled	
13	Anti-carjacking Type	Manual	Passive	Full-time
14	Ignition armed mode	Disabled	Enabled	
15	Silent arm/disarm with Button 1 & Button 2	Enabled	Disabled	
16	Disarm mode	Standard	Two stage	

1. Horn Chirps with Arm & Disarm.

Selects one of three modes: Horn Chirps with Warn Away, NO Horn Chirps and Horn Chirps Enabled.

- A. Horn Chirps w/Warn away. When selected, the horn will provide arm/disarm, trigger, and warn-away Indications.
- B. Horn Chirp disabled: Horn will only activate when the system is triggered.
- C. Horn Chirps enabled. When selected, the horn will provide the arm/disarm and trigger indications.

2. **Arm Mode.** Selects one of three modes: Manual Arming or Passive Arming, and Passive Arming w/Countdown. With the Passive Arming w/Countdown mode selected, the siren will chirp every 2 seconds while counting down until the system passively arms.

Note: If Auto Rearming is selected, the siren will also chirp during Auto Rearm countdown.

3. **Passive Door Locking.** This setting selects whether or not the system will automatically lock the doors during passive arming.

4. **Ignition Controlled Locks:** Selects whether or not the system will lock and unlock the doors with the Ignition.

5. **Door Input monitoring.** Select whether the system begins monitoring the door inputs after 10 seconds or 60 seconds. For vehicles with interior lights that remain on for an extended period of time after the doors are closed, set for 60 seconds.

6. **Auto Rearming Node.** When selected, the system will automatically re-arm and lock 30 seconds after it is disarmed if the doors have not been opened.

7. **Door Unlock Pulse.** Select between one pulse or two pulse operation for the door unlock output. Vehicles that require two pulses on the proper wire to unlock the doors can be interfaced directly without the use of relays or any additional circuitry by programming the system for double unlock pulse.

8. **Arming Chirps.** Select between normal and silent operation.

9. **Extended Parking Lights.** When selected, the parking lights will remain on for 30 seconds after disarming the system.

10. **Disarm with Auxiliary 1.** When selected, activating the Auxiliary 1 output (usually used to open the trunk) will disarm the alarm and open the trunk.

11. **Door Lock Pulse Length.** Select between a 1-second and a 3-second output for door locking and unlocking. Program to 3 seconds for vehicles equipped with vacuum door locking systems.

12. **Anti Carjacking:** Turn ON and OFF the carjacking Feature

13. **Anti-carjacking Type.** Selects one of three modes for Anti-Carjacking: Active, Passive, or Full-Time.

-Manual. When selected, activating the Panic feature will automatically engage the Carjacking feature.

Passive: When selected, the Anti-Carjacking feature will activate whenever a door is opened while the Ignition is ON.

Full-time: When selected, the Anti-Carjacking feature will automatically activate each time the Ignition is turned on and must be disabled each time to drive the vehicle. This is not recommended for normal use.

14. Ignition Arm Mode. This gives the user the ability to Arm the system with Ignition in the **ON** position. The shock sensor can trigger while driving. This is only recommender for stationary use of the vehicle.

15. Silent Arm/Disarm with Buttons 1 and 2: silent arm/disarm by pressing button buttons 1 and 2.

16. Disarm Mode .selects between standard operation and Two stage disarm mode

Standard: when selected the system will always disarm on the first press of the transmitter button

Two Stage Disarm: when selected the system will disarm on the press of the transmitter button, only if the alarm is not actively triggered, if the alarm is sounding, pressing the button to disarm the system will reset the alarm and quiet siren, pressing the button again will disarm the system. This mode will keep the system armed but allow the siren to be muted in event the shock sensor is accidentally triggered by a non-intrusive event (such as an animal jumping on the vehicle .etc.)

Precautions: Please read carefully

- Read the operation manual before operating.
- 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.
- Disconnect the car battery before beginning work on the vehicle.
- 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, bullet on any wiring. Poor wiring, i.e. taped joints will possibly introduce unreliability into the alarm system and may result in false alarms or incorrect operation. We suggest soldering all connection points.
- Install the wiring neatly under carpets or behind trim to prevent possible damage to wires.

FOR AUTHORIZED DEALER TECHNICAL SUPPORT, PLEASE CALL

Toll Free: (855) 463-6267, Extension: 3 7:00 am TO 5:00 pm PST.

FCC ID: XJSC803

This devise complies with part 15 of the FCC rules

www.encoreautomotivesystems.com