



SP-302

2-WAY PAGING ALARM SYSTEM OPERATING INSTRUCTIONS

INTRODUCTION

CONGRATULATIONS on your choice of a Remote Alarm System by Crimestopper Security Products Inc. This booklet contains the information necessary for installing, using, and maintaining your alarm system. If any questions arise, contact your installation dealer or Crimestopper Security Products Inc. at the Tech Support number below.

***IMPORTANT INFORMATION: Primary and Optional Features:**

-PRIMARY: These are features that must be connected in order for the system to operate properly; i.e. the Siren, L.E.D., +12V Power, Ground, Door pin, Flashing lights Override/Program/Valet Button etc.

-OPTIONAL: These are features to be connected if desired or agreed upon by the installing dealer. These features may also require additional parts and/or labor fees. Consult with your installer beforehand; i.e. Door Locks, Starter disable, Hood/Trunk trigger, and Auxiliary Remote Outputs etc.

This installation book is designed for the installer or individual with an existing understanding of automotive electrical systems, along with the ability to test and connect wires for proper operation. To ease installation, we suggest that you READ THIS MANUAL before beginning your installation. This book is provided as a GENERAL GUIDLINE and the information contained herein may differ from your vehicle.

TECH SUPPORT
Mon-Fri 8:00 AM-4:30 PM Pacific Time
(800) 998-6880

REV. 10-2012

This device complies with FCC Rules part 15. Operation is subject to the following two conditions: 1) This device may not cause interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modification could void the user's authority to operate the equipment.

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OPERATION CAUTIONS & WARNINGS

CRIMESTOPPER SECURITY PRODUCTS, INC. and its **VENDORS** shall not be liable for any accident resulting from the use of this equipment. This system is designed to be professionally installed into a car or vehicle in good running order. Items, such as parking brake, door switches, and all engine safety features, must be in perfect working condition.

DAMAGE resulting from misuse or negligence is **NOT** covered under warranty and will be subject to repair and / or replacement charges.

IT IS ABSOLUTELY THE OWNER'S SOLE RESPONSIBILITY TO: A) Understand the operation of this system and its safety features. B) Check for proper operation of these safety features prior to accepting delivery of the vehicle from the installation facility. C) Check and maintain the condition of the vehicle and all items relative to the proper operation of this system and its safety features.

USING THE 2-WAY PAGER TRANSMITTER

LCD SCREEN ICONS

- Valet Mode (Tools)
- Transmit Signal
- Ignition ON
- Lock/Unlock (Arm/Disarm)
- Silent no beeps
- CLOCK / Run Count Down
- LOCK / ARM
- USB Charger (Under Side Cover)



- Battery Life
- Hood Open
- Sensor Warning (Small Hammer)
- Sensor Trigger (Big Hammer)
- Door Open
- Trunk Open
- Remote Started
- UNLOCK / DISARM

SIDE BUTTONS



- TRUNK RELEASE
- VEHICLE SELECT
- PANIC

AUX Outputs thru Data

- AUX 1 = Trunk + Lock
- AUX 2 = Trunk + Unlock
- AUX 3 = Panic + Trunk
- AUX 4 = Panic + Lock

This remote can control up to 4 AUX functions thru data depending on the vehicle and data module. This is typically used for operating left and right sliding doors. **(Requires Canbus Data Module)**

Note:

Some icons on the LCD display only function on the Combo Alarm with Remote Start

POWER OFF FUNCTION

To turn Power ON, press and hold unlock button 2 seconds.
To turn Power OFF, press and hold unlock button 5 seconds.

USING THE 2-WAY PAGER TRANSMITTER

The 2-Way LCD Pager remote transceiver is used to send and receive information from the vehicle. The Control Module transmits High Frequency FM signals from the vehicle to your pager over long distances. Your range will vary depending on location, terrain, and local RF noise/interference. This system is not guaranteed to page you if you are behind concrete walls, underground, in a large structure, or in an area with high levels of electronic interference. Handle the pager/remote with care. The LCD display and/or the electronics may be damaged if subjected to abuse.

BATTERY CHARGING

The 2-Way LCD remote has a battery charge indicator on top right corner of display. The battery voltage affects the distance of the remote control. The system comes with a standard Mini USB charging cable that plugs into the side of remote control. To access to USB plug, slide the cover to the left shown below.



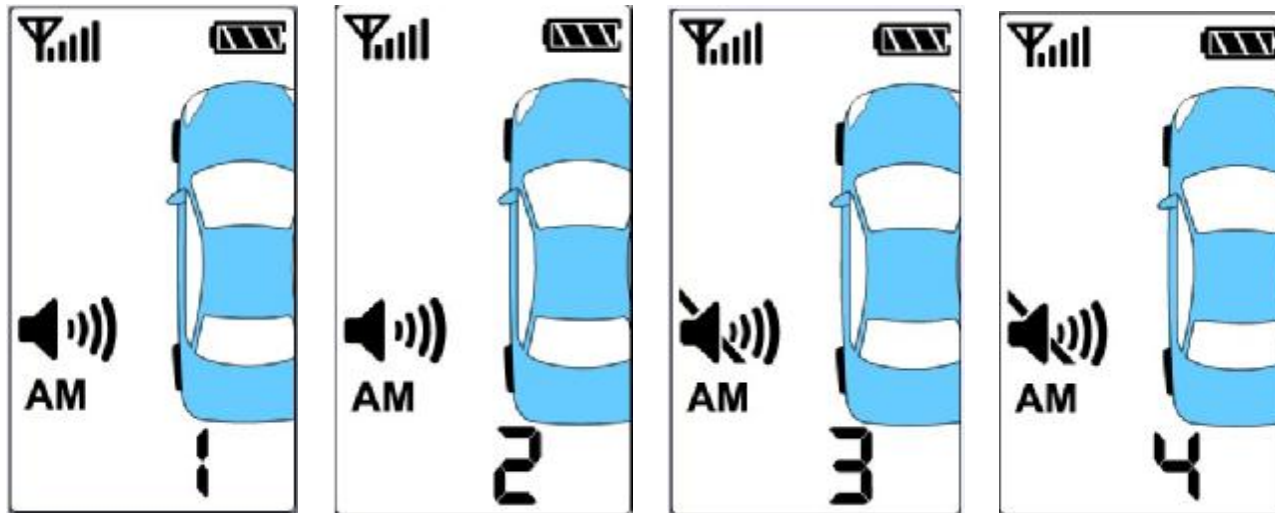
SETTING THE CLOCK (2-WAY- LCD REMOTE)

1. Press VEH Button on the side of the remote control 5 times.
2. The remote will beep and the **AM or PM** display will begin flashing.
3. Press the Trunk Button to go to the next item – **AM - PM - Hour- Minutes**.
4. Press the Lock Button to **Increase** time.
5. Press the Unlock Button to **decrease** time.
6. Press the PANIC Button to **Disable or Enable Beep and Vibration**. See next page.
7. Press the VEH Button to **Save and Exit Setup** or wait 8 seconds, the LCD light will turn off.

REMOTE BEEP & VIBRATE SELECTION

The LCD pager remote BEEPS and VIBRATES when it receives a signal from the vehicle. The Beeps and Vibration are selectable (on/off). To enter program mode,

1. Press VEH Button on the side of the remote control 5 times.
2. The remote will beep and the **AM or PM** display will begin flashing.
3. Press the Panic button to choose the mode of “Beep ON/OFF & Vibrate ON/OFF”.
4. Press the VEH Button to **Save and Exit Setup** or wait 8 seconds, the LCD light will turn off.



Mode 1: The remote beeps once and vibrates: this indicates “Beep ON & Vibrate ON”.

Mode 2: The remote beeps once without vibration; this indicates “Beep ON & Vibrate OFF”.

Mode 3: The remote only vibrates, without beep; this indicates “Beep OFF & Vibrate ON”.

Mode 4: The remote does not vibrate or beep; this indicates “Beep OFF & Vibrate OFF”.

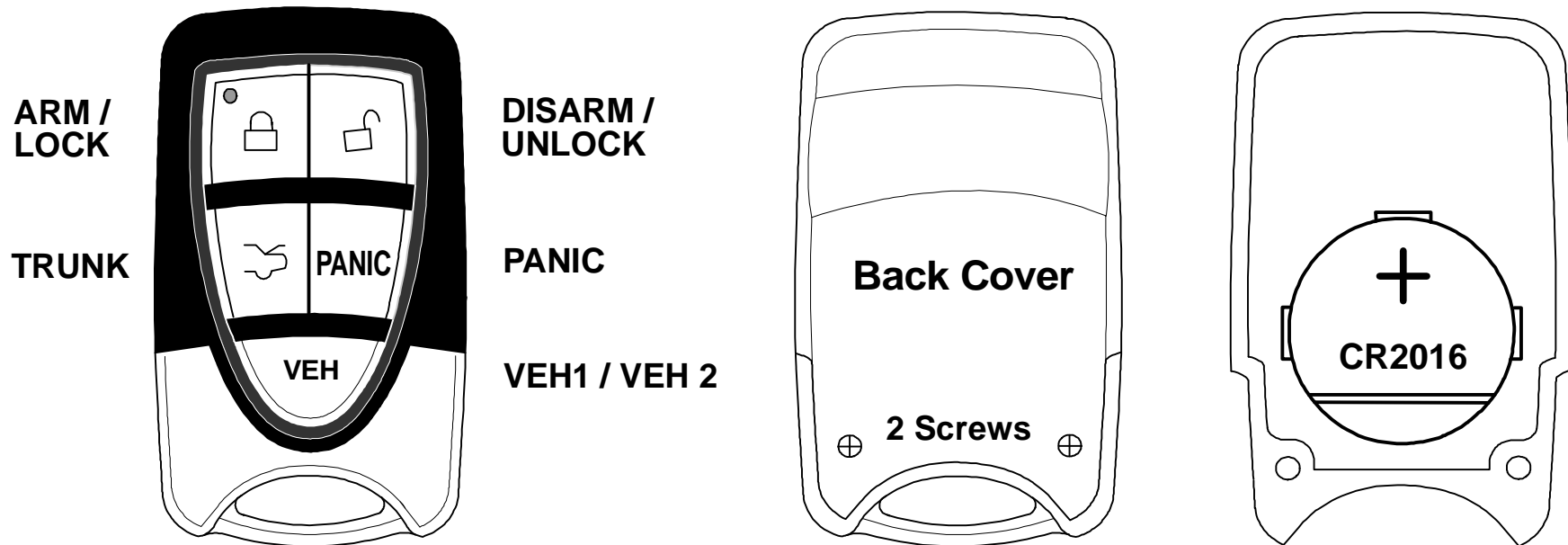
1-WAY SIDEKICK

The 1-Way sidekick remote adds flexibility to your system. You can have the convenience of operating your system without needing to carry the larger pager remote. The Sidekick remote has less range and offers all of the same operation features except for page-back confirmation. The 1-Way Sidekick Remote uses three CR-2016 Lithium 3 Volt Batteries.












To replace the battery on Sidekick:

Simply remove the two Phillips screws holding the back cover in place. Slide old batteries out and remove plastic cover. Insert the new batteries into plastic cover and slide into place with the (+) end facing up. The plastic cover keeps the batteries from shorting out against the side of metal housing.

1-WAY SIDEKICK



QUICK CHART BUTTON FUNCTIONS

Button	Button Functions	Button Options	Button	Button Functions	Button Options
	Lock Doors & Arm System	Press Twice for Horn Honk Confirmation	VEH	Selects between Vehicle #1 and Vehicle #2	Press and Hold for 2 seconds. LED Changes Color
	Unlock Doors & Disarm System	Press Twice for Passenger Door Unlock	VEH	Used to Disable Remote Control	Press and Hold for 2 seconds. LED Changes Color
	Trunk Pop Aux # 1	Press and Release for Trunk Pop or Aux #1	 + 	Activates Aux #1 thru Data	Data Module Sliding Door
 + 	Valet Service and Sensor ON / Off	Valet Mode when Disarmed. Sensor On/Off when Armed	 + 	Activates Aux #2 thru Data or wire	Steady Momentary or Data Module Sliding Door
PANIC	No Arm / Disarm Chrip from Siren	Momentary Press for Silent Arm / Disarm	PANIC + 	Activates Aux #3 thru Data	Data Module Required
PANIC	Triggers Full Alarm with Siren, Horn and Flashing Lights	Press and Hold 2 Seconds for Panic Mode	PANIC + 	Activates Aux #4 thru Data	Data Module Required

OPERATION INSTRUCTIONS

ARMING

To arm the alarm and lock the doors, press the Lock button on the transmitter. You will hear a single siren chirp and the lights will flash once. The system will arm, the doors will lock and the starter will be disabled if these optional features are installed. The red LED in the vehicle will start flashing after 5 seconds. After a short delay to allow vehicle and electronics to stabilize the system will be completely armed.

DISARMING

Press the Unlock button on the transmitter to disarm the alarm. You will hear 2 siren chirps and the lights will flash twice. The LED stops flashing. Door will unlock and dome light will turn on if the options are installed.

SELECTIVE SILENT ARM / DISARM THROUGH REMOTE CONTROL

This system can be armed and disarmed without siren chirps on an “as needed” basis. Press and release the Silent Button for arm/disarm without siren chirps. The alarm system can be programmed to always Silently Arm and Disarm with option number 1.

SELECTIVE ARM / DISARM with HORN HONK (programmable)

If the car horns are connected to the system, they can be set up to chirp (honk) with arm and disarm. The default setting is to chirp with a double press of lock or unlock. This can be changed to chirp with a single press by option # 3. Also the chirp pulse duration can be adjusted from short to long for quiet beep to a loud honk. The choices are 15, 20 and 40 milliseconds.

PASSIVE ARMING MODE (Programmable)

Passive (automatic) Arming occurs 30 seconds after the ignition is turned off and the last door is closed. Upon closing the last door, the unit will flash the lights twice and LED will be flashing rapidly to confirm passive countdown. If a door is re-opened within the 30-second period, the countdown stops and begins again when the door is closed. Passive arming provides failsafe protection in case you forget to arm the system.

PASSIVE ARMING with LOCK (Programmable)

The system can be programmed to passively lock the doors when the system passively arms or rearms. The default setting is OFF because passive locking increases the risk of locking the keys in the vehicle when the system arms/locks passively, without you pressing the remote.

OPERATING INSTRUCTIONS

REMOTE PANIC PROTECTION

To sound the alarm upon command (panic), press and hold the Panic Button for at least 2 seconds until the siren sounds. Press the Unlock Button to reset panic mode.

IGNITION-CONTROLLED DOOR LOCKS: (Programmable Option # 13)

The doors will automatically lock when the ignition is turned on and will unlock when the ignition is turned off. This feature can be programmed on, off, or to lock the doors only. *Doors will not lock if they are open to prevent locking the keys in.*

SENSOR BYPASS THRU REMOTE CONTROL

The shock sensor circuit can be bypassed thru the remote control by pressing the Lock and Unlock button within 4 seconds of arming the system. The Siren Chirp 3 times to confirm sensor bypass.

ARM / DISARM WITH IGNITION ON: (Programmable Option # 15)

This feature allows the system to be armed or disarmed while the ignition is in the ON position or vehicle is running. The feature is disabled by default and should not be used under normal operating conditions. On an installation with an add-on remote start module, this option can be enabled to allow the system to be armed or disarmed when the vehicle has been remote started (Ignition will be ON). Note that you cannot use this feature if you are also using the Full-time carjack protection. If you add a remote start and the Ignition turns on, a Carjack trigger will be activated.

ACTIVE REARM / AUTO REARM: (Option # 6)

The option controls whether the alarm system rearms 30 seconds after disarm. This is required for insurance discounts. This is handy if the vehicle is accidentally disarmed without your knowledge. There are 4 choices:

1. Active Rearm ON – The system will Rearm and lock the doors unless the door, hood or trunk is opened.
2. **OFF = Default** - No Automatic Rearm in Passive or Active Mode.
3. Auto Rearm with Lock - The alarm system will always rearm and lock the doors after disarm unless the ignition is turned on. This applies to Passive and Active Mode. This choice is best for security but increases the risk of locking the keys in the ignition.
4. Auto Rearm without Lock - The alarm system will always rearm without locking the doors after disarm unless the ignition is turned on. This applies to Passive and Active Mode.

OPERATING INSTRUCTIONS

EMERGENCY OVERRIDE / DISARM

If you have lost the transmitter or it stops working for any reason and the Alarm is armed, you will have to open the door with the key, which will activate the alarm. Turn the ignition on and press the override/program button for about 5 seconds (until siren stops). The Alarm will disarm. If you continue to hold the button for additional 7 seconds, the system will enter the Valet mode.

VALET MODE (Solid LED)

Disables alarm system for vehicle servicing. The alarm system must be disarmed to enter Valet Mode.

1. **To Activate Valet Mode Manually:** Turn the ignition on and press the Valet / override button [about 5-6 seconds] until the LED turns on solid. Repeat the process to exit VALET mode.
2. **To Activate Valet Mode with the Remote:** Press and hold both the Lock and Unlock Button together for about 3 seconds until the Status LED turns on solid. Repeat the process to exit VALET mode.

DRIVER'S DOOR PRIORITY UNLOCK: (Optional)

This option separates unlock of the driver's door from the passenger doors with the remote control. The first press of unlock button will unlock just the driver's door. Pressing the unlock button a 2nd time in 4 seconds will unlock the passenger doors.

TRUNK / HATCH POP (Optional)

This feature is designed to interface with existing Factory power trunk or power hatch release systems and may require additional parts and/or labor charges. To eliminate the possibility of accidentally opening the trunk, there are (3) options for button press selection. This option will allow you to change whether the Trunk release activate by a:

1. Double press o Trunk button.
2. Single ½ second press. ***Default = Single ½ second press***
3. Press and Hold 2 seconds. This output stays on until trunk button is released.

OPERATING INSTRUCTIONS

ARM / DISARM using OEM REMOTE (Requires databus module)

This option allows the OEM factory remote to Arm and Disarm the alarm system when you lock and unlock the doors. This feature only works on newer CANBUS vehicle using a Data Module that supports this feature.

Default = Off.

2nd AUX. OUTPUT : (Remote AUX 2 Output, Option # 16)

This requires programming option #16. Consult your dealer for availability on your vehicle. To activate the Second auxiliary output, Press and hold the Unlock and Trunk Button at same time.

DOME LIGHT ILLUMINATION (OPTIONAL)

This feature turns on the vehicles dome light upon disarm for 30 seconds or until the key is inserted and turned on. This will provide illuminated entry to your vehicle at night or in dimly lit areas for added safety and security. Note that dome light illumination will deactivate the active rearm feature if programmed for active rearm.

PRE-WARNING SHOCK PROTECTION & SENSOR ADJUSTMENT

If a low-level shock to the vehicle is detected, pre-warning protection will activate sounding 5 quick siren chirps and 1 light flash. If a hard impact is detected the shock sensor will trigger the alarm system for 20 seconds. The sensor can be adjusted as needed by turning the adjustment screws clockwise to increase or counter-clockwise to decrease the sensitivity. The sensor is also equipped with 2 small indicator lights to ease the adjustment process. Blue light = Pre-warning disturbance (5 siren chirps). Red light = A full alarm trip.

ALARM TRIGGERING

If there is an intrusion into the vehicle or hard impact to the body will sound the alarm and flash the lights for 60 seconds. After 60 seconds the system will automatically shut off and re-arm to continue to protect the vehicle. If a door is left open, the unit will cycle a second time, bypass the door and still continue to protect the other un-tampered zones.

OPEN ZONE ALERT/BYPASS

If the system detects a faulty or open zone (Door, trunk left open) when the system is ACTIVELY ARMED, the siren will chirp 3 times along with 3 light flashes. The faulty zone will be automatically bypassed.

ALARM TRIGGER DIAGNOSTICS

PRIOR INTRUSION ALERT

If the system was triggered in your absence, the dash LED will be flashing rapidly. When the system is disarmed you will hear 3 chirps and 3 light flashes. Carefully inspect your vehicle to see if there is any damage or a theft has occurred.

This systems includes disarm diagnostics, through the LED light, that will help in determining what caused the last trigger of the alarm system. This is a valuable tool in determining how the vehicle was tampered with or if there is a false alarm problem, in which case you can make the necessary adjustments to correct the problem.

Check the LED light for a sequence of flashes:

- 1 LED Flash = Shock Sensor Violation**
- 2 LED Flashes = Door Violation**
- 3 LED Flashes = Hood Violation**
- 4 LED Flashes = Ignition Violation**

Diagnostics will reset when the Ignition is turned on or when the system is re-armed.

CARJACK PROTECTION

ACTIVE CARJACK: Option 17-1

Active Carjack is armed only thru the remote. While the Ignition is on, press and hold the Panic button for 3 seconds. The parking lights will flash 2 times and the LED will begin to flash rapidly to confirm the beginning of a Carjack countdown. 40 Seconds later, the unit will begin a Carjack Cycle consisting of 20 seconds of pre-warning chirps turning into a full system activation with siren/flashing light pulses for up to 5 min. Turning the Ignition off during a Carjack trigger will stop the siren and lights and horn but Carjack protection is still active. If the Carjacker tries to turn the Ignition back ON, the vehicle will not start and the Siren and Lights and horn will resume for 5 minutes or until the ignition turns off.

PASSIVE CARJACK: Option 17-3

Passive Carjack provides the best protection. If a Carjacker opens, any door with the ignition on, the system arms. When the door closes, the parking lights will flash 2 times and the LED will begin to flash rapidly to confirm the beginning of a Carjack countdown. 40 Seconds later, the unit will begin a Carjack Cycle consisting of 20 seconds of pre-warning chirps turning into a full system activation with siren, horns and flashing lights for up to 5 min. Turning the Ignition off during a Carjack trigger will stop the siren and lights and horn but Carjack protection is still active. If the Carjacker tries to turn the Ignition back ON, the vehicle will not start and the Siren and Lights and horn will resume for 5 minutes or until the ignition turns off.

To Reset Carjack During Countdown: Press the UNLOCK button on the remote control, the LED will stop flashing.

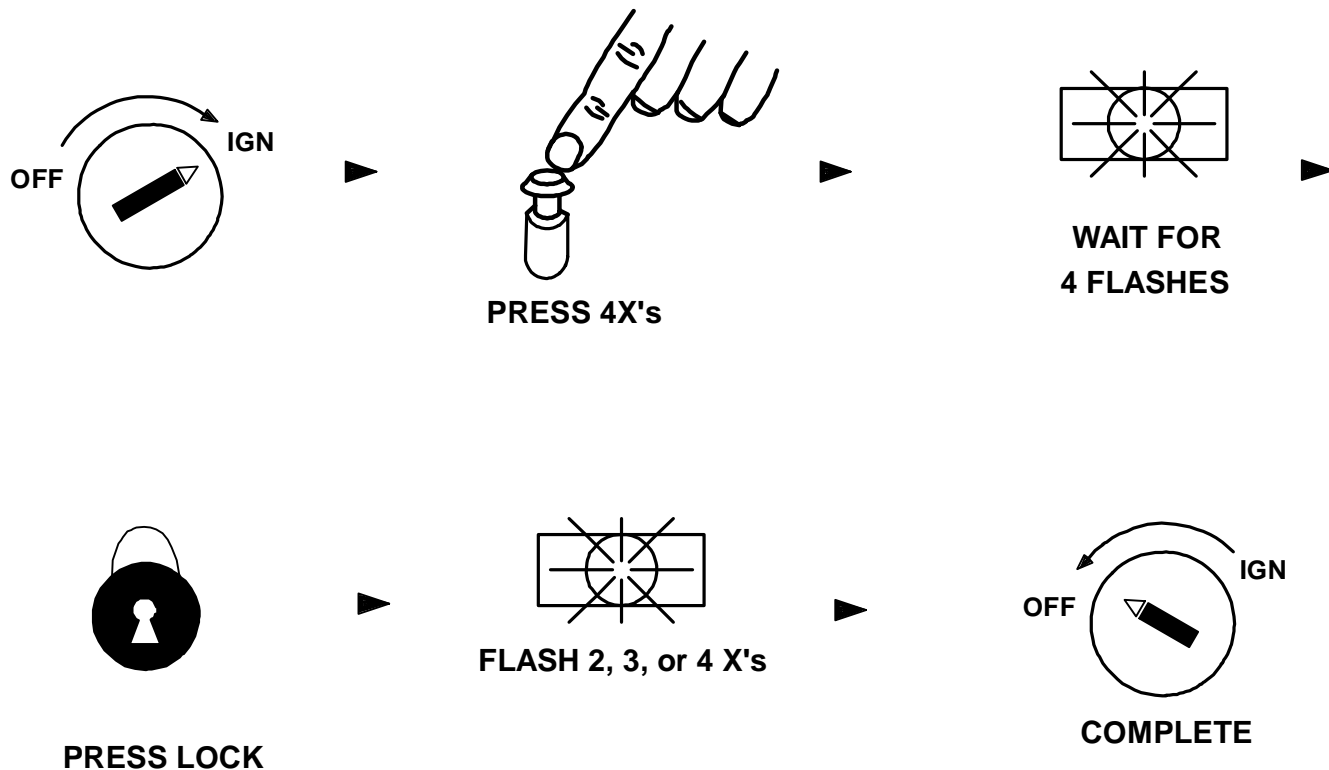
To Reset Carjack after Trigger: With the ignition key on, press and hold the override button for at least 5 seconds.

Note: In Passive carjack Mode, you must remember to press the unlock button every time the door is opened and closed while driving.

TRANSMITTER PROGRAMMING

NOTE: All transmitters must be learned at the time of programming. This system can learn up to 4 remotes.

1. Turn key to the ON position and press program button 4 times.
2. After a short delay, the unit will flash the parking lights 4 times, Siren 4 times, Horn 4 times and status LED will be on solid.
3. Press the Lock Button on the remote you wish to program.
4. You should get 2 light flashes, 2 siren chirps and 2 horn honks (optional) indicating the unit is waiting for the second code to learn. Press button #1 and #2 together of a second transmitter, the unit will flash 3 times, 3 siren chirps and 3 horn honks. Press the lock and unlock button on a 3rd or 4th transmitter for up to 4 total. Note: The unit will not flash the lights when learning the 4th code. Turn key off to exit programming mode.



2 VEHICLE OPERATION

2 VEHICLE CONTROL

Your remotes have the ability to control a second vehicle with a Crimestopper system installed.

To set up the 2-Vehicle operation you must first program your remotes to Vehicle #2. Follow the “Transmitter Programming” steps (Pg. 17) at the second vehicle and learn YOUR remote, along with vehicle #2’s existing remotes.

2-VEHICLE NOTES:

(1) You do not have to switch between Vehicle “1” and “2” to get pages from each vehicle. Your remote pager will receive pages from both cars regardless of which vehicle the pager is set to. The “1” or “2” icon will always display with each page indicate which vehicle the page originated from.

(2) When, all remote/pagers and sidekick remotes for that vehicle must be learned at the time of programming. When you program your remote at the second vehicle, that vehicle’s original remote must also be programmed. Your remote should be set in Vehicle “2” and the vehicle’s original remote should be set in Vehicle “1”.



LCD REMOTE

VEHICLE 1 = 1 - 1

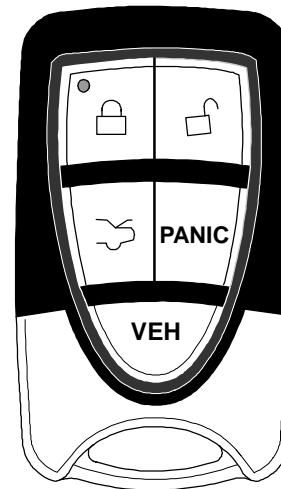
VEHICLE 2 = 2 - 1

VEH 1 / VEH 2

Push 2 Seconds
to change from
Vehicle 1 to 2

CLOCK SET

Push VEH Button 5
Times to set Clock



SIDEKICK REMOTE

VEHICLE 1 = BLUE LED

VEHICLE 2 = RED LED

VEH 1 / VEH 2

Push 2 Seconds
to change from
Vehicle 1 to 2

Note: Use can use Vehicle 2 Mode to turn off remote if there is no system installed in a 2nd vehicle

2-Way DATA PORT

Some vehicles require a Databus Module to Bypass the factory Immobilizer and operate the keyless entry

Databus modules are used to communicate with the vehicles computer at the OBD2 Data connector or Canbus wires. This reduces installation error. Crimestopper Systems with DP Series have a direct Data Port Plug-In for the Databus bypass module. This eliminates conventional wiring between the Alarm/Remote Starter and the bypass interface module.

Features Include

- Transponder Immobilizer.
- PassLock Immobilizer.
- O.E.M. Alarm Control.
- R.A.P. Shutdown.
- Power Door Locks.
- Priority Unlock.
- Sliding Doors
- Trunk Release.
- Parking Lights.
- Courtesy Lights.
- Tachometer.
- Heated Seats.
- Rear Defrost.
- Driver 1 and 2 Memory presets.

The actual features controlled depend on the vehicle and Databus module.

CRIMESTOPPER

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