# CRIMESTOPPER

# SP-300
## 2-WAY REMOTE CONTROL 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. 12-2008**

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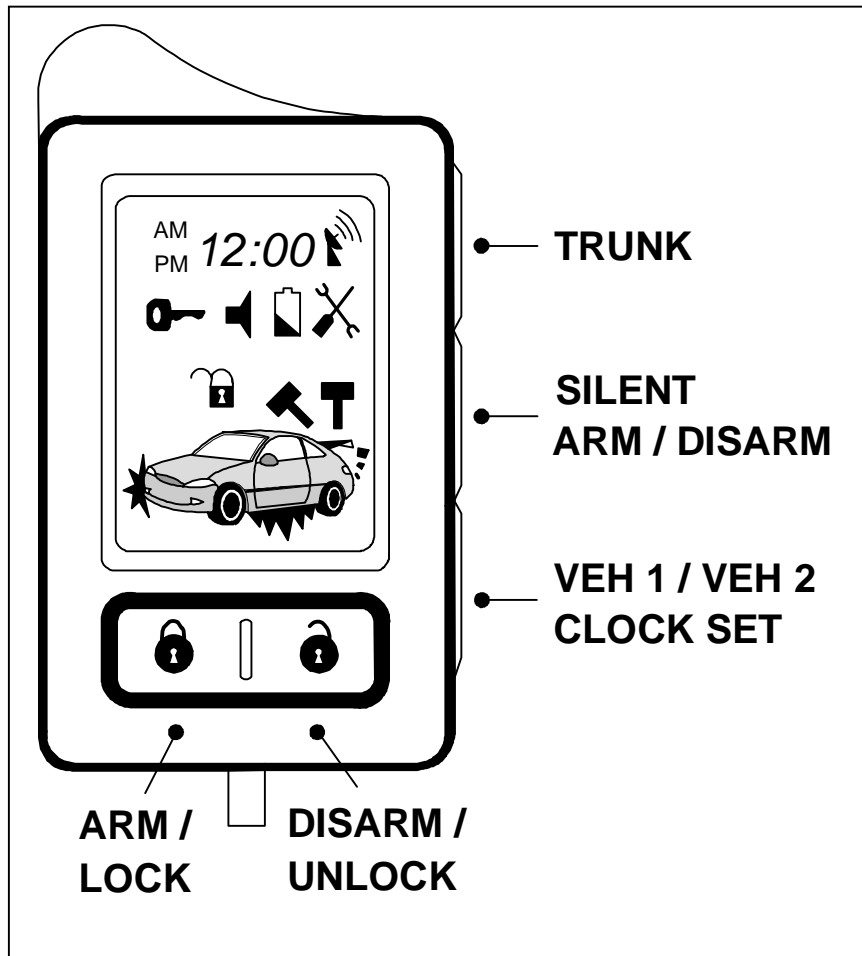
**DAMAGE resulting from misuse or negligence is NOT covered under warranty** *and will be subject to repair and / or replacement charges.*

**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.*

**DO NOT remote start the vehicle in a closed garage.** *Make sure that the vehicle is outdoors, a garage door is open, or there is adequate exhaust ventilation. Failure to observe this rule could result in* **injury or death** *from poisonous Carbon Monoxide fumes. This is especially important when using the Timed Self-Start feature of the unit*

## 2-WAY - PAGER / REMOTE TRANSCEIVER:

AM
PM *12:00*

TRUNK

SILENT
ARM / DISARM

VEH 1 / VEH 2
CLOCK SET

ARM /
LOCK

DISARM /
UNLOCK

## 1-WAY - SIDEKICK REMOTE:

DISARM /
UNLOCK

ARM /
LOCK

VEH 1 / VEH 2

SILENT — SLT

TRUNK
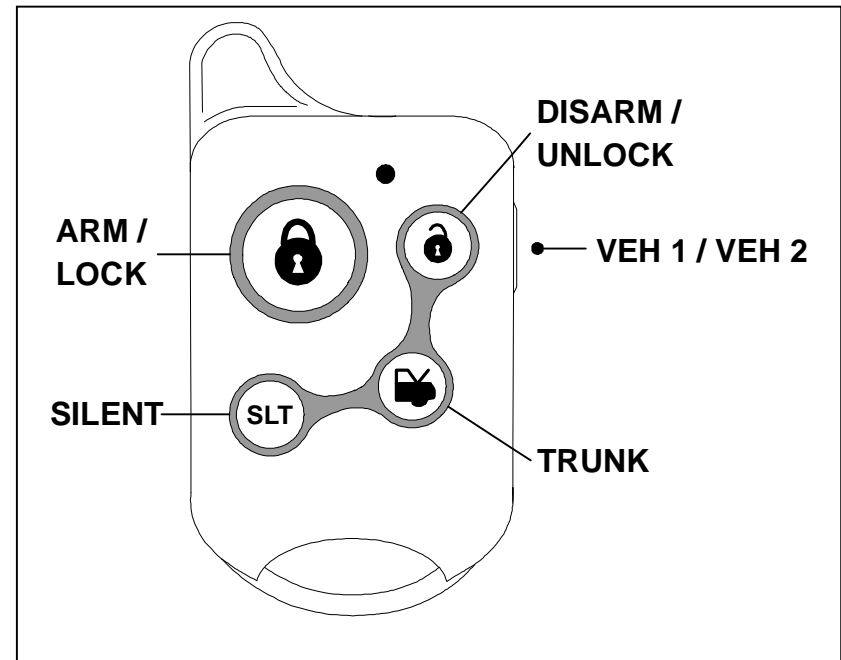
## 1-WAY - SIDEKICK REMOTE:

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 two CR-2016 Lithium 3 Volt Batteries.

## 2-WAY - PAGER / REMOTE TRANSCEIVER:

The 2-Way hand-held 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.  The AAA Cell 1.5V alkaline battery can easily be replaced by sliding open the battery access door on the back of the remote.  Battery life will vary depending on usage.  The LCD screen will display a low battery icon when the battery is low.

# 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 *SLT* Button to *Disable or Enable Beep.*
7. Press the *VEH* Button to *Exit Setup* or wait 7 seconds, the LCD light will turn off.

# QUICK CHART BUTTON FUNCTIONS

| Button | Button Functions | Button Options |
|---|---|---|
| 🔒 | Lock Doors & Arm System | Press and hold 2 Seconds for Panic Mode |
| 🔓 | Unlock Doors and Disarm System | Unlock Doors and Disarm System |
| (trunk) | Trunk Release Aux # 1 | Press and Release for Trunk Pop (Aux #1) |
| **SLT** | Silent Arm / Disarm Aux #2 | Press and Release for Silent Arm. Press and Hold for Aux #2 |
| **VEH** | Selects between Vehicle #1 / Vehicle #2. Press & hold 2 Sec. | Press 5 times for Clock (AM / PM blinking) |
| **CLOCK SETUP:** | Lock = Increase, Unlock = Decrease, Trunk = Next, SLT = Beep with button press, VEH = Exit | |

**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 Button #4 for arm/disarm without siren chirps.

**PROGRAMMABLE SILENT ARM / DISARM MODE (CHIRP DEFEAT)**

The system can be silently armed and disarmed as normal with Lock/Unlock Buttons, but no siren chirp.  See alarm programming option (#8) to enable or disable this feature.

**PASSIVE ARMING / PASSIVE LOCK MODES / PASSIVE CHIRP COUNTDOWN**

If programmed, passive (Automatic) Arming will occur 30 Seconds after the ignition is turned off and the last door has been closed.  The LED will begin flashing rapidly while counting down.  If a door or hood is reopened, the system will wait (LED off) for the door or zone to close before arming.  The unit will flash the lights once. Doors will lock if passive locking is selected.  May qualify for insurance discounts-check with your agent or proprietor.  When the Unit is programmed for Passive Chirp Countdown, the siren will chirp during passive countdown, as an audible warning that arming will occur.  This siren will emit a chirp every 2 seconds as soon as the last door is closed until the system arms 30 seconds later.

**REMOTE PANIC PROTECTION**

To sound the alarm upon command (panic), press and hold the Button #1 (Panic) for at least 2 seconds until the siren sounds.  Press Button #2 (Unlock) to reset panic mode.

## ARM / DISARM WITH IGNITION ON (PROGRAM 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 RE-ARMING (FAIL-SAFE PROTECTION)

Active Re-arming means that the system will re-arm itself 30 seconds after disarmed with the transmitter if a door has not yet been opened.  This is handy if the vehicle is accidentally disarmed (via the transmitter in your pocket) without you knowing it.  This feature can also be turned off in programming option (6). Active rearm feature is disabled if you also have dome light illumination installed.

## IGNITION-CONTROLLED DOORLOCKS

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.*

## TRUNK / HATCH POP (REMOTE AUX. OUTPUT 1, OPTIONAL)

To pop the trunk, press and release the Trunk button on the transmitter. *If the system is armed, it may or may not trip the alarm system when opening the trunk depending on programming option (10). See programming option chart for more details.*

## 2nd AUX. OUTPUT (REMOTE AUX. OUTPUT 2)

To activate the Second auxiliary output  Press and hold the Silent Button for 3 seconds to activate AUX. channel #2.

## 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.

**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.

**EMERGENCY DISARM WITH CUSTOM OVERRIDE**

Custom override allows the user to set a specific number of button presses (2-15) required to perform an emergency override/disarm of the alarm system. This increases the level of security of the system, but you MUST MEMORIZE how many button presses you have changed your system to use or the unit will not disarm in an emergency.

1. Enter programming mode.
2. Turn the Ignition ON and press the Override/Program button 5 times.
3. After a short delay, the parking lights will flash 5 times, Siren 5 times, Horn 5 times and status LED will be on solid.
4. Press program button three times to go to option #3 "Passive Locks/Custom Override".
5. Press Button *3 (trunk)* on the remote transmitter (3 chirps).
6. Press and release the program again the number of times you desire in order to perform emergency disarm on this alarm system. Press the program button 2-15 times only. You need to wait for the siren to chirp the same number of times you pressed the program button to confirm.

To test feature: Trip the alarm system, turn key ON, press the program/valet button 2-15 times as programmed above then continue to HOLD DOWN valet button on the LAST PRESS for 5 seconds. Alarm should disarm. If system does not disarm, then disarm with the remote transmitter and try again. If system still does not disarm or you have forgotten your custom code, then you must use your remote control to disarm the system.

***CAUTIONARY NOTE!***

If you set up this feature and forget your special code, there is no way to disarm the system other than the remote control. If you have programmed your system for Custom Override, follow the same steps above (Emergency Override) while pressing the valet button 2-15 times as you have programmed. You must continue to hold the button down on the last press for 5 seconds. The Alarm will disarm and enter the Valet mode, which allows you to use the vehicle until you can repair/replace the remote transmitter or have the alarm system checked.

## VALET MODE (Solid LED)

To disable the Alarm system for vehicle service or otherwise, turn the ignition on and press the override/program button 4-5 seconds until the dash LED turns on solid and you hear (1) siren chirp. Repeat the process to exit VALET mode and the system will chirp (2) times and the LED will turn off. Lock/Unlock and AUX features will still operate in when in VALET mode. When performing an Emergency Override and you hold down the override button, the system is also placed into Valet mode.

## 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 should trip the alarm system. Once it is mounted, adjust the sensor 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 45 seconds. After 45 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 and still continue to protect the other un-tampered zones.

## PRIOR INTRUSION ALERT

If the system was tripped 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.

## OPEN ZONE ALERT/BYPASS

If the system detects a faulty or open zone (Door left open) when the system is ACTIVELY ARMED, the siren will chirp 5 times along with 5 light flashes. The faulty zone will be automatically bypassed.

# CARJACK PROTECTION

## ACTIVE CARJACK

This feature provides Active Carjack protection and must be enabled before use through Alarm programming option (14) See page 10. When the Ignition is on (vehicle is running), press and hold button #3 (AUX) for 3 seconds. Parking lights will flash TWICE to confirm the Carjack countdown sequence. LED begins to flash slowly. 90 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. To reset Active Carjack, IGNITION MUST BE ON, then press Button #2. Siren/Horn chirp, LED goes OFF, carjack is reset.

## PASSIVE CARJACK

This feature provides Passive Carjack protection and must be enabled before use through Alarm programming options (13) & (14). See page 10. We recommend this mode should only be used in serious situations. When the Ignition is on (vehicle is running), and a door is opened and closed, the Carjack countdown sequence will be initiated (lights flash twice & LED begins to flash). 90 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. To reset Passive Carjack, Ignition must be ON, doors must be closed, then press the override/program button (3) times. Siren chirps once, LED goes out, carjack is reset. NOTE: Active carjack can still be used when the Passive Type carjack is activated.

## FULL-TIME CARJACK

***ONLY USE THIS MODE WHEN THERE IS AN EXTREME TREAT OF A CARJACK WITH YOUR VEHICLE.***
Full-time Carjack protection must be enabled before use through Alarm programming options (13) & (14). See page 10. EVERY TIME the Ignition is turned ON or a door is opened and closed with the Ignition ON, a Carjack countdown sequence will be initiated. 90 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. You must reset the unit every time the IGNITION is turned on or a door is opened and closed when the ignition is on. To reset Ignition must be ON, doors must be closed, then press override/program button (3) times.

***NOTE: When FULL TIME CARJACK is in effect, it must be reset every time the key is turned on, Door is opened, before entering VALET mode, and before Programming options or transmitters! It is always in effect each time the Ignition is turned on and/or a door is opened with Ignition on! If power becomes disconnected, then re-connected the Carjack Full-time carjack trigger will be active. Press the override button 3 times with the Key on the doors closed to reset.***

# 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 3$^{rd}$ or 4$^{th}$ transmitter for up to 4 total. Note: The unit will not flash the lights when learning the 4$^{th}$ code. Turn key off to exit programming mode.

IGN
OFF

PRESS 4X's

WAIT FOR
4 FLASHES

PRESS LOCK

FLASH 2, 3, or 4 X's

IGN
OFF

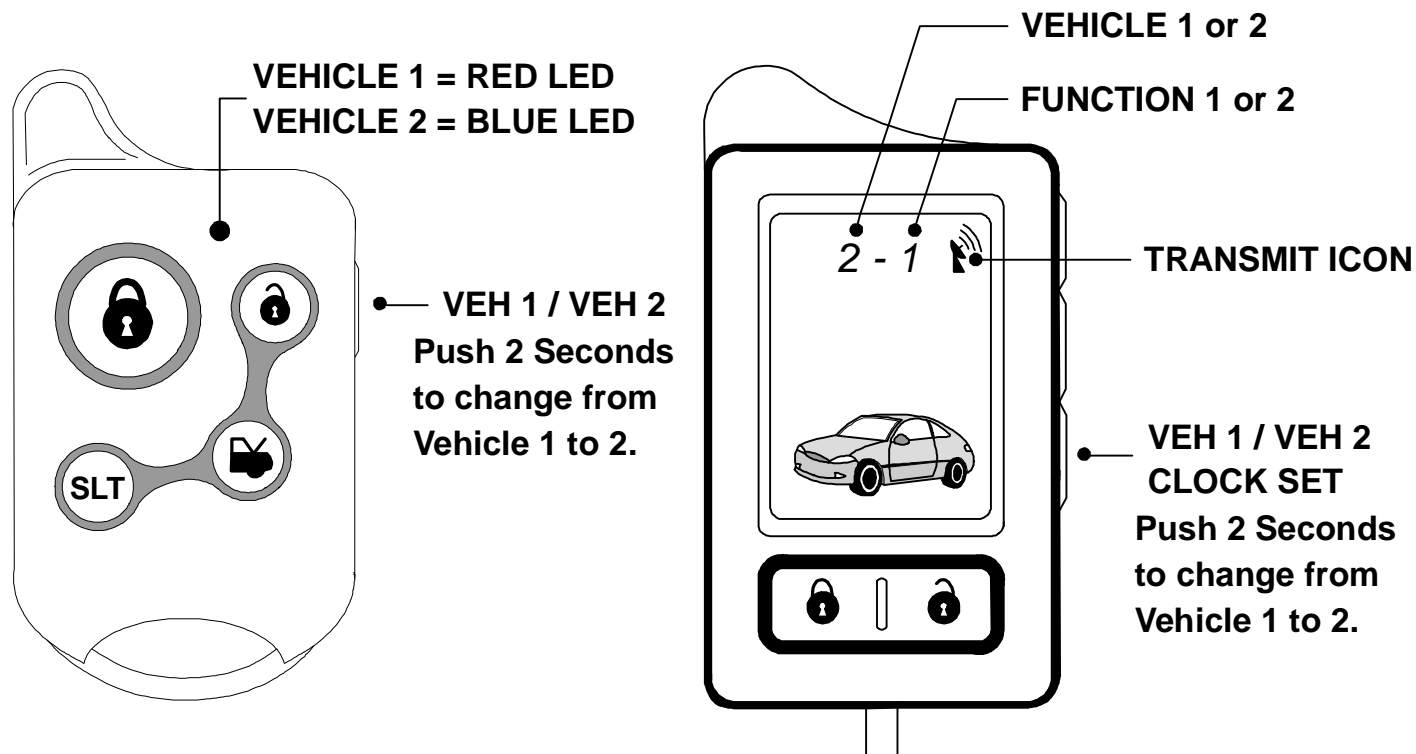COMPLETE
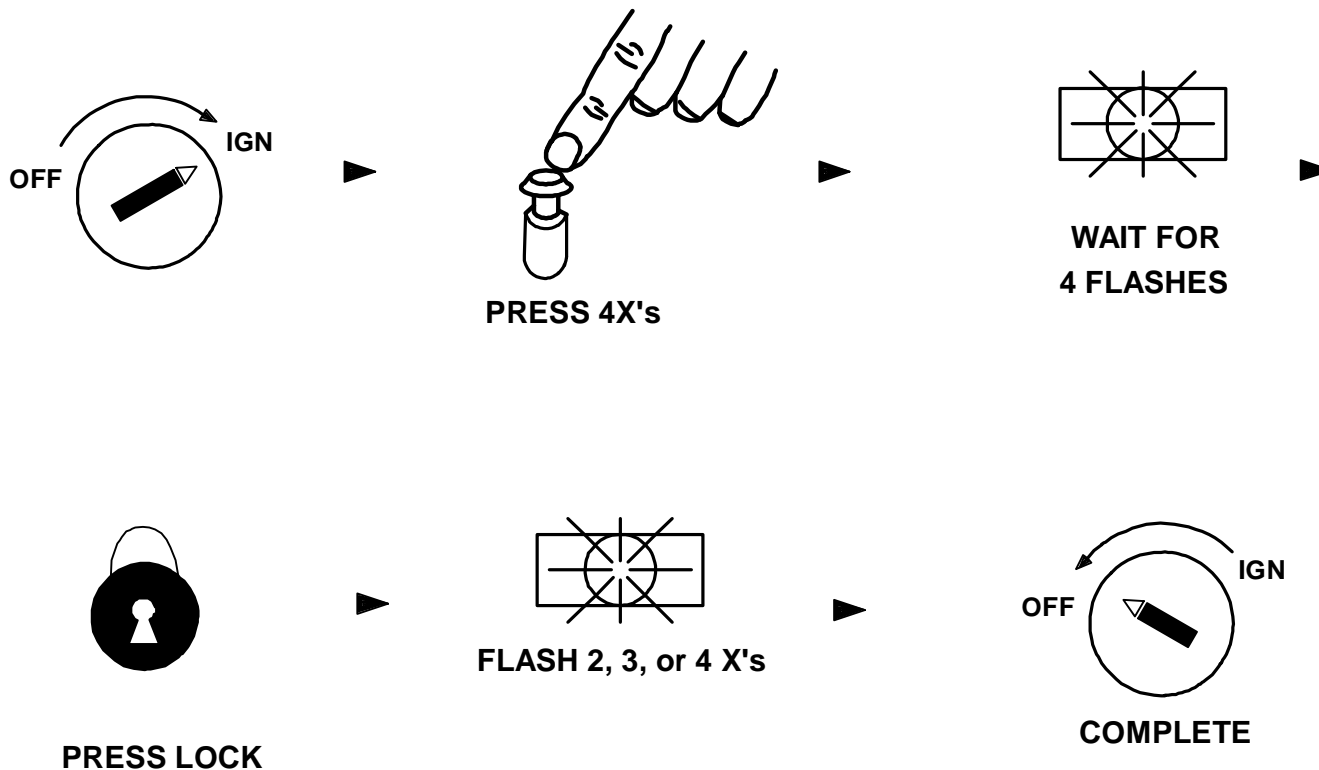
## 2 VEHICLE CONTROL

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. 11) at the second vehicle and learn YOUR remote, along with vehicle #2's existing remotes.

### *2-VEHCLE 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".

VEHICLE 1 = RED LED
VEHICLE 2 = BLUE LED

VEH 1 / VEH 2
Push 2 Seconds
to change from
Vehicle 1 to 2.

SLT

VEHICLE 1 or 2

FUNCTION 1 or 2

*2 - 1*

TRANSMIT ICON

VEH 1 / VEH 2
CLOCK SET
Push 2 Seconds
to change from
Vehicle 1 to 2.

# BATTERY REPLACEMENT

**LOW BATTERY WARNING**

The 2-Way LCD remote has a low battery warning system. When the battery voltage is low, the LCD Pager Remote will show a low voltage icon. We recommend replacing the battery for proper operation. **To replace the battery:** Simply unlatch and slide open the battery door on the back of the remote. Carefully insert a new 1½ Volt AAA Battery using the outline on the bottom of the battery compartment as a guide. Your remote will beep 3 times & vibrate if the battery was inserted correctly. Otherwise, remove the battery and insert again.
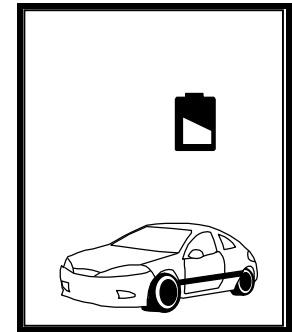
**LOW BATTERY**

## To replace the battery on Sidekick:

The 1-Way Sidekick Remote uses two CR-2016 Lithium 3 Volt Batteries. Simply remove the two Phillips screws holding the back cover in place. Insert the new batteries with the (+) end toward the circuit board.

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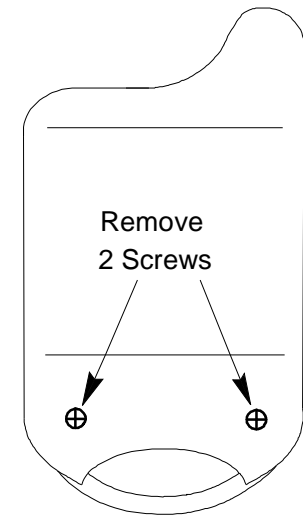
Some vehicles require a Databus Module to Bypass the factory Immobilizer and operate the keyless entry

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.
- 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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