

## LIMITED LIFETIME WARRANTY

This vehicle security systems is warranted to the original consumer purchaser, to be free from defects in material and workmanship. The manufacturer will repair or replace, at it's option, and free of charge during the first 12 months of the warranty period, any part which prove defective in material or workmanship under normal installation, use and service, provided the product is returned to our factory, transportation charges prepaid. Products returned to our factory must be accompanied by copy of purchase receipt. Warranty is limited to defective parts and/or replacement parts only and excludes any incidental and consequential damages connected therewith. The manufacturer, of this theft deterrent systems makes no warranty against the theft of vehicle or its content. This warranty is not to be construed as an insurance policy against loss.

After the first 12 months of the warranty period there will be a charge of \$25.00 maximum per calendar year (if required) for repairing and/or replacing any defective parts.

**WARRANTY ON INSTALLATION LABOR, REINSTALLATION AND REMOVAL CHARGES ARE NOT THE RESPONSIBILITY OF THE MANUFACTURER.**

## OPTIONAL ACCESSORIES

**Remote Pager**  
**Remote Car Starter**  
**Glass Break Sensor**  
**Interior Radar Sensor**  
**Window Roll-Up Module**  
**Trunk Release Solenoid**  
**Rechargeable Back-Up Battery**  
**Rechargeable Back-Up Battery Siren**

*Thank You For Choosing*

**COMMANDO VEHICLE SECURITY**

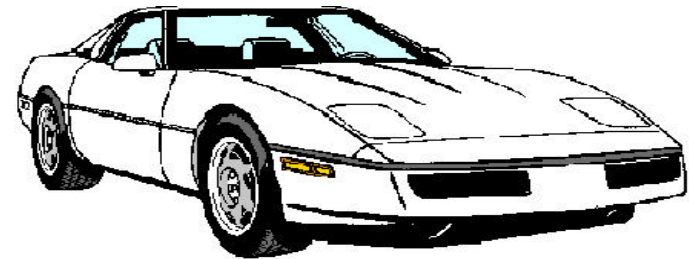
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# COMMANDO VEHICLE SECURITY

## COMMANDO-PRO 3 CHANNEL ALARM SYSTEMS *Plug-In Design*



**MADE IN U.S.A.**

# SYSTEM CONTENTS

Each System contains the following components:

- 1- Alarm Module
- 2- Transmitters
- 1- 6 Tone Siren
- 1- Dual Stage Dual Adjust Shock Sensor
- 1- 10 pin wiring harness
- 1- 3 pin wiring harness
- 1- 5 Pin door lock harness
- 1- Red Status L.E.D.
- 1- Push Button Valet Switch

**Note:** Read this instruction manual thoroughly.

**Important:** This unit is designed for a professional installation only.

Any installation performed by an unqualified installer, will void the warranty.

# OPERATING INSTRUCTIONS CON'T.

## **FAULTY ZONE ALERT:**

If upon arming (active or passive), the alarm system arms with 4 siren chirps and 4 light flashes. This indicates that a faulty zone has been detected and has been automatically bypassed.

## **AUTOMATIC FAULTY ZONE ELIMINATION:**

If while armed, a faulty zone is detected and triggers the alarm, the siren will sound and the lights will flash for 4 cycles of 60 seconds duration each. Total 4 minutes. After these 4 cycles, the alarm will automatically reset and bypass the defective zone. Upon disarming the alarm system, 3 chirps will be audible and 3 light flashes will be visible. This indicates that the alarm has been triggered. Upon rearming, the system will arm with 1 chirp and then follow up with 4 additional siren chirps and 4 light flashes. This indicates that a faulty zone has been detected, and has been automatically bypassed.

## **VALET MODE: 2-step procedure**

This feature is designed to temporarily disable the alarm for valet parking. While the alarm is in the disarmed state, insert the ignition key and turn to the ignition "ON" accessory position. Press & hold the valet switch for 5 seconds, the system will chirp, remove the key from the ignition. The alarm will now be in the valet mode, and the LED will be ON solid.

**NOTE:** You cannot arm or disarm the alarm while the system is in valet mode. However, you can still use the transmitter to lock and unlock the doors, while the alarm is in valet mode.

## **EMERGENCY OVERRIDE SWITCH:**

In the event that you lose your transmitter and cannot disarm the alarm: Open the door, the alarm will sound. Insert the ignition key and turn to the ignition "ON" accessory position. Press & Hold the valet switch for 5 seconds. The alarm will chirp & disarm, the LED will be solid, the starter disable feature will be deactivated and you will now be able to start your car.

## **NOTE**

# OPERATING INSTRUCTIONS

## **TRANSMITTER BUTTON OPERATION:**

**IMPORTANT:** The microprocessor alarm system has been designed so that upon arming, a 10 second arming delay will be effected. This is to give the electronics in the vehicle, a chance to stabilize. ( window roll-up, shock sensor)

## **ACTIVE ARMING MODE:**

Arm the alarm system by pressing the transmitter button 1, once momentarily. The alarm will arm and will confirm with 1 siren arming chirp, LED will be solid and start to flash slow after 10 seconds

## **PASSIVE ARMING MODE:**

In passive arming mode, upon closing the last door there will be a 30 second arming delay. The LED will be flashing rapidly indicating that the system is in passive arming phase. After 30 seconds, the alarm will arm by itself. (Programmable)

## **ARMING WITH DEFECTIVE ZONE ALERT:**

If after arming the alarm, a defective zone has been detected. The alarm will confirm the detection of the defective zone by chirping the siren and flashing the lights 4 times, (2-3 seconds after the arming confirmation).

## **DISARMING THE SYSTEM:**

Disarm the alarm system by pressing transmitter button #1, once again momentarily. Alarm disarms and will confirm with 2 disarming siren chirps, Lights will flash twice, LED will turn off. Optional starter disable feature will be deactivated, Door locks will unlock automatically Dome light will be illuminated for 30 seconds or until ignition key is turned to accessory "ON" position.

## **PANIC MODE:**

For emergency situations, press and hold button #1, of the transmitter for 3 seconds. This will activate the panic mode. The alarm siren will sound and the parking lights will flash for 60 seconds (or until the transmitter button #1 is pressed again for 1 second).

## **ALARM TRIGGERED:**

If a violation of the vehicle is taking place, the siren will sound and the parking lights will flash for 60 seconds. After this 60 seconds duration, the alarm will automatically reset and resume protecting the vehicle.

## **INTRUSION ALERT:**

If a sensor input (door switch, shock sensor) has been violated while the system was armed, the LED will be flashing rapidly and upon disarming the alarm system, the siren will confirm with 3 disarming siren chirps and 3 light flashes. Check the vehicle and its contents to verify if any violation has taken place.

# FEATURES

Two 4 Channel Transmitters  
Code Learning  
2nd Channel Output for Trunk release  
3rd Channel Output  
Door Entry Protection  
Personal/Panic Feature  
Shock Sensor / Dual Zone Dual Adjust (Plug-In)  
Shock Sensor Warn Away Feature  
Remote Trigger Disable  
Dome Light Supervision  
Remote Shock Sensor Disable  
Five Function LED Plug-In  
Intrusion Event Memory  
120dB 6 Tone Siren  
Last Door Automatic Arming  
Flashing Parking Lights  
Anti Car jack (Programmable)  
Starter Disable Built-in Relay  
R.F. Lock-Out Safety Feature  
Valet Override Switch Plug-In  
Faulty Zone By-Pass  
Audible/Visual Intrusion Alert  
Door Locking & Unlocking with Ignition Key  
Remote Door Lock/Unlock Plug-In  
Double Unlock Pulse

## **Transmitter Programmable Features**

Automatic Safety Re-Arm  
Active/Passive Arming  
Disarm Alarm With 2nd Channel  
Parking Lights Stay ON or OFF After Disarm  
Permanent Chirp Disable  
Auto Door Lock With Ignition Key  
Car Jack By Remote or Door

## **Installer Programmable Features: (Dip Switch)**

Door Locking (1sec. or 3.5sec.)  
Anti Car Jack  
Doors Not To lock In Passive  
Double Unlock Pulse

# SPECIAL FEATURES

## 1- CODE TEACHING

Turn the ignition key 3 times on/off, on/off, on, the siren will chirp. Leave the ignition key in on position, press the valet switch for 5 seconds until the siren chirps 3 times, Then press button # 1 on the remote transmitter. The siren will chirp once, if you want to teach another transmitter with different code press # 1 on the second transmitter the siren will chirp once. You can teach up to 3 different codes. After 10 seconds the LED starts flashing, now the alarm has learned the code of the transmitters.

## 2- WARN-AWAY

When using the dual zone shock sensor, the valet wire provides a Warn-Away Input. When the alarm is armed, the first zone will chirp the siren 5 times and flash the parking lights once, and the second zone will trigger the alarm.

## 3- VALET MODE:

To get into Valet mode, Disarm the alarm, turn the Ignition ON, hold the push button switch for 5 seconds until the LED comes ON solid. The system will be in VALET. Only the door lock/unlock system will work on Valet (Keyless Entry).

To get out of Valet mode, turn the ignition ON and hold the switch down for 5 seconds, the alarm will chirp and the LED goes out.

In an Emergency, When the alarm system has been triggered and the transmitters do not respond to turn the alarm off. Get into the car turn the Ignition ON, hold the switch button down for 5 seconds, the alarm will shut off and the LED will be on solid, this will override the system and it will be in Valet Mode.

## 4- SHOCK SENSOR DISABLE FEATURE:

To disable the SHOCK SENSOR after arming the system. Press the 1st button once, immediately after within 3 seconds press the 2nd button and the alarm will chirp one more time, that will eliminate all trigger wires.

## 5-AUTO REARM:

When the alarm has been disarmed with the transmitter by mistake. It will automatically rearm itself within 30 seconds, **unless you open one of the doors**. This feature will be always active no matter if the alarm is in active or passive mode.

## 6A-ANTI - CAR JACKING W/ DOOR

To activate the Car Jacking feature, Ignition should be **(ON) If Door is opened** 90 seconds later the siren will chirp for 10 seconds to remind you that the system will be in car jacking mode. After the reminder, the parking lights will flash & the siren will sound for 5 minutes, and the (-) Gray wire (Starter kill) will be activated.

**To turn the car jacking mode OFF, Ignition should be (ON) and press VALET switch to reset the system.**

## 6B-ANTI - CAR JACKING W/ REMOTE

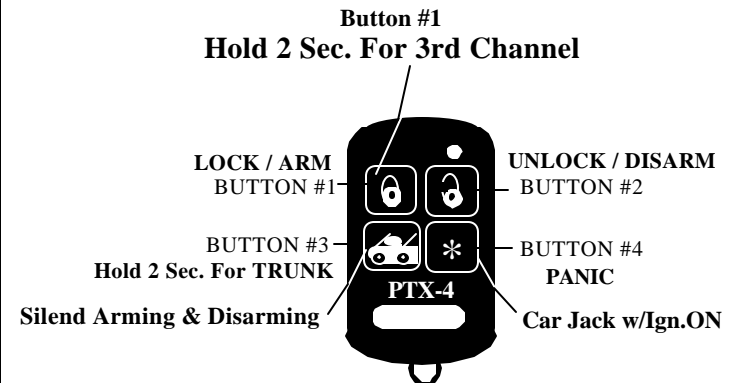
To activate the Car Jacking feature, Ignition should be **(ON) If The Remote Baton # 4 is Preset** 90 seconds later the siren will chirp for 10 seconds to remind you that the system will be in car jacking mode. After the reminder, the parking lights will flash & the siren will sound for 5 minutes, and the (-) Gray wire (Starter kill) will be activated.

**To turn the car jacking mode OFF, Ignition should be (ON) and press REMOTER BATON # 4 to reset the system.**

# PROGRAM LOCATION

PROGRAM LOCATION		
#1	ON =	PASSIVE
	OFF =	ACTIVE
#2	ON =	DOSN'T DISARM ALARM WITH 2nd CHANNEL
	OFF =	DISARM ALARM WTHE 2nd CHANNEL
#3	ON =	PARKING LIGHTS STAYS ON AFTER DISARM
	OFF =	PARKING LIGHTS FLASHES TWO TIMES
#4	ON =	AUTO LOCK WITH IGNITION KEY
	OFF =	NO LOCK WITH IGNITION KEY
#5	ON =	CHIRP ENABLED
	OFF =	PERMENANT CHIRP DISABLE
#6	ON =	AUTO ARMING (ACCIDENTAL DISARM)
	OFF =	NO AUTO ARMING
#7	ON =	CAR JACK BY REMOTE
	OFF =	CAR JACK BY DOOR

# OPERATING THE REMOTE



# PROGRAMMING THE UNIT

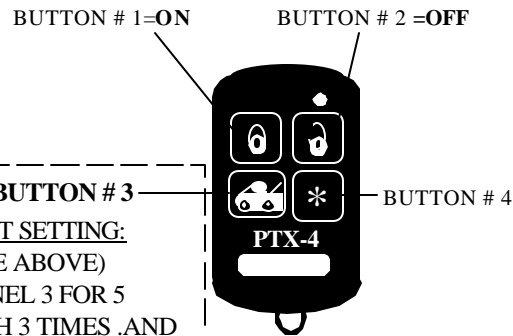
## Remote Programmable Features:

### To enter program mode:

- 1- Turn Ignition key ON
- 2- Within 10 seconds press **VERRIDE** switch 5 times. Siren will Sound with Long Chirp then Release switch. Now in program mode.

### To access feature change:

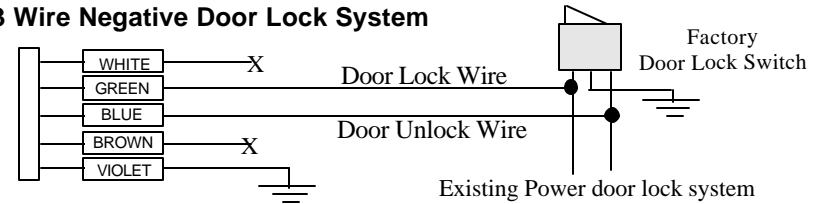
- 1.- Press program switch the number of times that corresponds with the feature you desire to change.
- Example:** If you want to turn feature #4 off, then press program switch 4 times.
- 2- Siren and LED will flash each time switch is pushed.
- 3- Press button #1 on remote to turn feature **ON** - SIREN will chirp 1 time.
- 4- Press button #2 on remote to turn feature **OFF** - SIREN will chirp 2 times.
- 5- System will automatically exit program mode.
- 6- Once a programmable feature has been entered, the LED will flash the number of times corresponding with the program feature that was chosen.



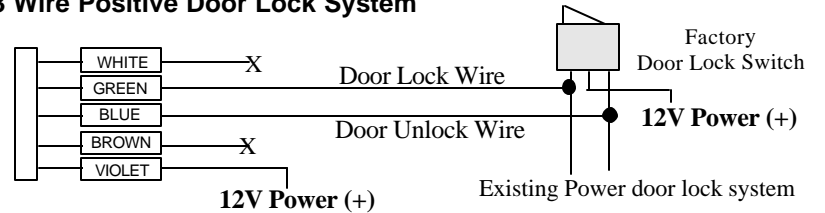
**BUTTON #3**  
RESET TO FACTORY DEFAULT SETTING:  
 ENTER PROGRAM MODE (SEE ABOVE)  
 PRESS AND RELEASE CHANNEL 3 FOR 5 SECONDS LIGHT WILL FLASH 3 TIMES .AND ALL PROGRAMMABLE FEATURES BACK TO FACTORY DEFAULT SETTINGS. (WHICH IS ALL ON)

# DOOR LOCK WIRING DIAGRAM

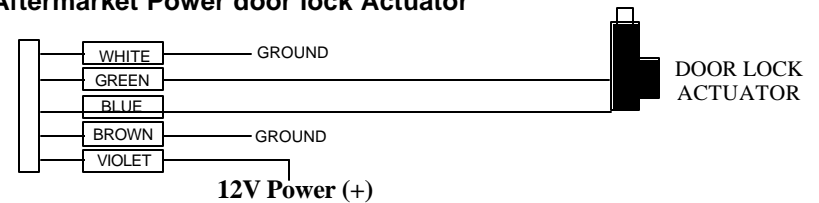
## 3 Wire Negative Door Lock System



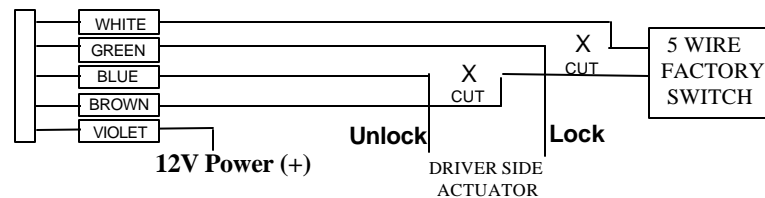
## 3 Wire Positive Door Lock System



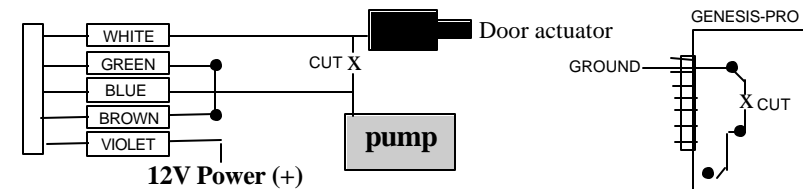
## Aftermarket Power door lock Actuator



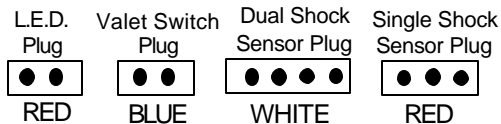
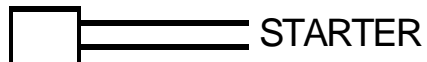
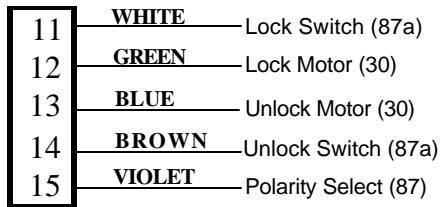
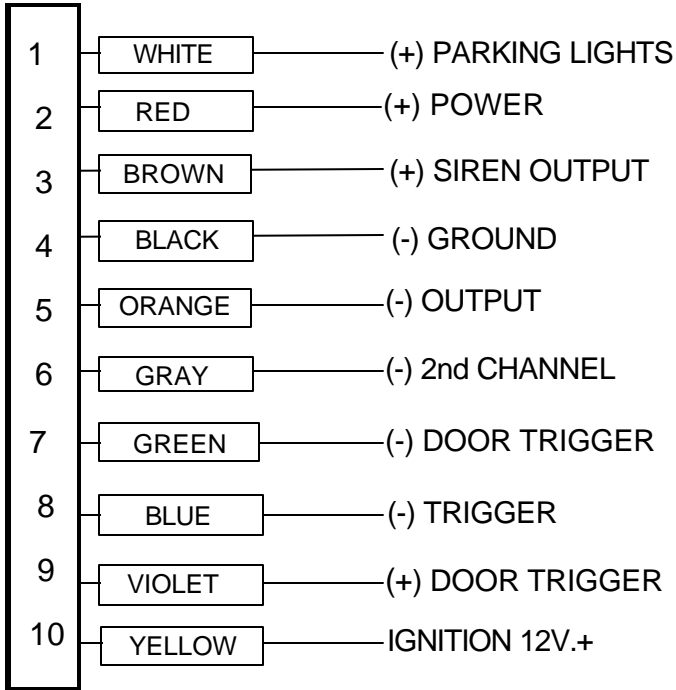
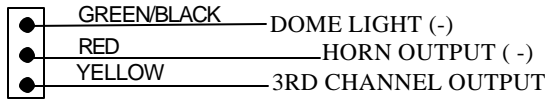
## 5 Wire "Ground at rest" Door Lock System



## MERCEDES Vacuum Door Lock System



# ALARM WIRING DIAGRAM



**Dip Switch Settings:**

1- <b>ON</b> = 1 Sec. Door lock Pulse	<b>OFF</b> = 3.5 Sec. Lock Pulse
2- <b>ON</b> = Anti Car Jack Is Disabled	<b>OFF</b> = Enabled
3- <b>ON</b> = Door Lock in Passive Mode	<b>OFF</b> = Disabled
4- <b>ON</b> = 1 Pulse for Unlock	<b>OFF</b> = 2 Pulse for Unlock

