PEI

Vehicle Security System

GENESIS

Installation & Operating Manual

- Two 3 Channel Transmitters
- 2nd Channel Output for Trunk release
- 3rd Channel Output for Remote Starter
- Dual Zone Shock Sensor Plug-In
- Door Entry Protection
- Personal/Panic Feature
- Dome Light supervision
- Remote Shock Sensor Disable
- Five Function LED Plug-In
- Intrusion Event Memory
- 120dB 6Tone Siren
- Last Door Automatic Arming
- Flashing Parking Lights
- Starter Disable
- R.F Lock-Out Safety Feature
- Valet Override Switch Plug-In
- Faulty Zone By-Pass
- Audible/Visual Intrusion Alert
- Door locking & Unlocking W/Ign
- Remote Door Lock/Unlock Plug-In

SYSTEM OPERATION

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 confirm with 1 siren arming chirp, LED will be solid and start to flash show 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 Dip switch #4)

ARMING WITH DEFECTIVE ZONE ALERT:

If after arming the alarm, a defective zone has been detected. The alarm will confirm the detection of the detective 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 de-activated, Door locks will unlock automatically - Domelight 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 parking lights will flash for 60 seconds (or until the transmitter button #1 is pressed again for 1 seconds)

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.

FAULTY ZONE ALERT:

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

VALET MODE:

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 door, while the alarm is in valet mode.

EMERGENCY OVERRIDE SWITCH:

In the event that you lose you 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.

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. Afterwards within 10 seconds the LED will start flashing, now the alarm has learned the code of the transmitter.

2- WARN-AWAY :

When using the duel 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 transmitter 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 overrjde 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, the will eliminate all trigger wires.

5- AUTOMATIC REARMING :

When the alarm has been disarmed with the transmitter by mistake. It will automatically rearmed 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.

THIS FEATURE IS DIABLE FROM THE FACTORY YOU MAY PROGRAM IT BY TURNING THE IGNITION KEY "ON" AND PRESSING THE 1st BUTTON ON THE REMOTE FOR 3 SECONDS. THE SYSTEM WILL CHIRP ONCE ENABLING THIS AUTOMATIC ARMING. TO DISABLE THIS FEATURE FOLLOW THE SAME PROCEDURE (ignition ON and press button #1 for 3 seconds the system will chirp 2 times).

6- MODIFYING TRIGGERS FOR REMOTE STARTER :

When channels 2 or 3 are activated and within 3 seconds the remote starter will disable

the current, shock, and warn away sensors, while the engine is running.
The above changes were done for the following reason : When the alarm is on, and the remote starter is activated, the vibration from the engine won't trigger the sensors.

7- SILENT ARMING OR DISARMING :

Turn the ignition ON, within 10 seconds, press button #2 for 3 seconds until you hear the siren respond with 1 double chirp. Now the alarm will always arm and disarm without any chirps. To reactivate the chirps, turn the ignition ON, hold button #2 until your hear 2 double chirps.

8- ONE STEP CHIRP DELETE :

Press transmitter button #2 for 1/2 second, momentarily. The alarm will and disarm low chirps.

		PROGRAM LOCATION	CHIRPS
#1	ON=	AUTO ARMING (ACCIDENTAL DISARM)	1 CHIRP
	OFF=	NO AUTO ARMING	2 CHIRPS
#2	ON=	CHIRP ENABLED	2 DUBLE CHIRPS
	OFF=	PERMANENT CHIRP DISABLE	2 CHIRPS

TO ENTER PROGRAM MODE

1- Turn ignition key ON

2- Within 10 seconds press OVERRIDE 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- Parking lights siren and LED will flash each time switch is pushed.

3- Press button #1 on remote to turn feature on - lights/LED will flash 1 time.

4- Press button #2 on remote to turn feature off - lights will flash 2 times.

5- System will automatically exit program mode.

6- Open a programmable feature has been entered, the LED will flash the number of times corresponding with the program feature that was chosen.

PROGRAM LOCATION			
#1	ON	PARKING LIGHTS STAYS ON AFTER DISARM	RESET TO FACTORY DEFAULT SETTING : ENTER PROGRAM MODE (SEEABLE) PRESS AND RELEASE CHANNEL 3(OR BUTTON #4) FOR 5 SECONDS LIGHT WILL FLASH 3 TIMES AND ALL PROGRAMMABLE FEATURES BACK TO FACTORY DEFAULT SETTING
	OFF	PARKING LIGHTS FLASHES TWO TIMES	
#2	ON	1 PULSE FOR UNLOCK	
	OFF	2 PULSE FOR UNLOCK	
#3	ON	3rd CHANNEL OUTPUT	
	OFF	PULSING HORN OUTPUT	
#4	ON	DOSN''T DISARM ALARM WITH 2nd CHANNEL	
	OFF	DISARM ALARM WITH 2nd CHANNEL	

DIP SWITCH CONTROL

1- ON- 1 Second DOOR LOCK/Unlock (-) pulse	OFF- 3,5 Second Door Lock/Unlock Pulse
2- ON- Door Lock/Unlock with ignition	OFF- DISABLED
3- ON- Door Locking in Passive Mode	OFF- No Door Locking in Passive Mode
4- ON- Automatic Arming (Passive Mode)	OFF- DISABLED

Changing the Factory Default Setting of the DIP Switch

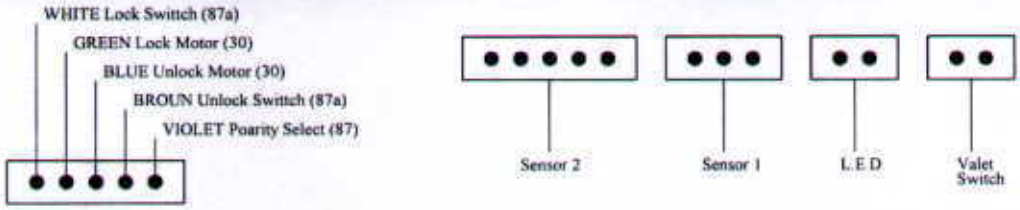
1- Switch to OFF position, the Door Lock/Unlock wires will give you 3,5 second(-) Pulse. (Use for Vacuum systems)

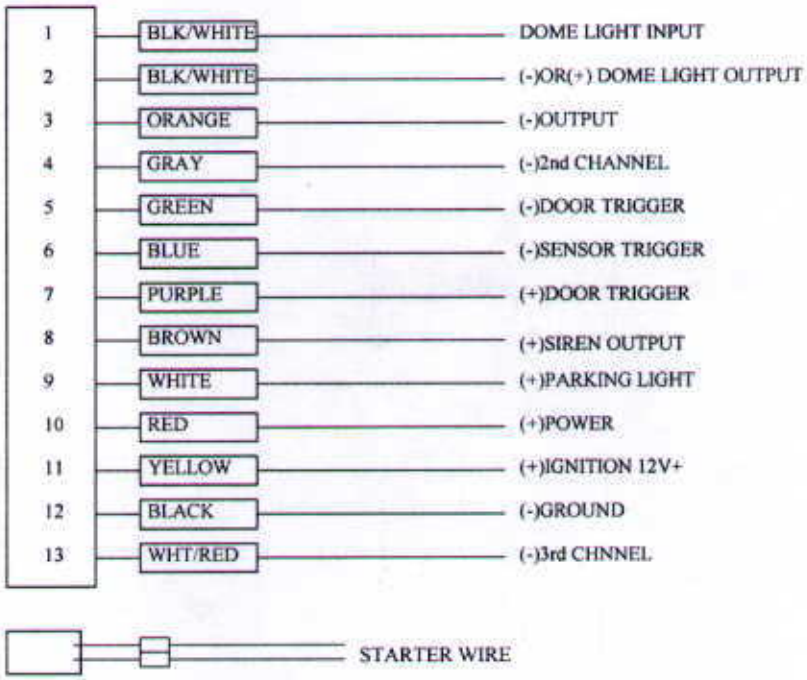
2- Switch to ON position, The Door will Lock & Unlock with the ignition Key turned to ON/OFF position.

3- Switch to OFF position, in Passive mode the door will not lock, only the alarm will arm itself.(Automatic Arming)

4- Switch to ON position, the alarm will arm itself in 30 seconds.

Wiring Diagram (B/K)





INFORMATION TO THE USER

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

LIMITED LIFETIME WARRANTY

This PEI vehicle security system is warranted to the original consumer purchaser, to be free from defect 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 calender year (if required) for repairing and/or replacing any defective parts.

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

OPTIONAL ACCESSORIES

Door Lock/Unlock Outputs Relay Kit (Plug-In)

Door Lock/Unlock Outputs Inverter (-) to (+) (Plug-In)

Remote Car Starter

Glass Break Sensor

Interior Radar Sensor

Remote Pager

Trunk Release Solenoid

Window Roll-Up Module

Thank YOU For Choosing

PEI VEHICLE SECURITY

Technical Support (818) 767-8593

web site : http://www.car-alarms.com