CG-850i³

REMOTES: Standard - 4 Button / Lock icon-Unlock icon-**II** Second channel option-**III** Third channel option / Omega part # 119-05B Optional 3 Button Transmitter Part # 119-05R / 433MHz ET7A.

REMOTE OPERATION / (One Or Two Button Transmitter Operation):

One Button: Lock - Press and hold to Arm/Lock system Holding for 3 seconds activates the panic feature.

Unlock - Disarms the system and unlocks the doors (Unless the system is in the triggered condition.) Holding for 3 seconds activates the panic feature.

Lock and Unlock - Pressed together will activate the remote start.

II - Pressing and releasing twice arms or disarms without confirmation chirps. Pressing for 2 seconds will activate the 2nd channel output.

III - Pressing for 3 seconds will activate the optional 3rd channel output.

Two Button: Large Button-Press and release to Arm/Lock and Disarm/Unlock. Press and hold to activate Panic.

Middle Button and Lower Button - Pressed together will activate the remote start.

Middle Button- Press and hold to activate 2nd channel output.

Lower Button- Press and hold to activate 3rd channel output.

ZONE VIOLATION CODE: After remotely disarming the LED will flash one of the following codes if the alarm was activated while it was in an armed state.

Flash 1 Red / Pause - System was triggered by current sense.

Flash 2 Red / Pause - System was activated from the hood or trunk circuit wire.

Flash 3 Red / Pause - System was activated from the door circuit wire.

Flash 4 Red / Pause - System was activated from the auxiliary input.

Flash 5 Red / Pause - System was activated from the optional pre-warn input.

REMOTE STARTING DIAGNOSTICS: Whenever the system is placed into Easy Valet Mode, the status indicator light illuminates solid red. Then flashes 1-6 green flashes before resuming solid red.

Red / 1 Green Flash / Red =Programmed run time expired.

Red / 2 Green Flashes / Red = Brake was pressed or hood opened.

Red / 3 Green Flashes / Red = Engine stalled or bad tack signal.

Red / 4 Green Flashes / Red = Received transmitter command to stop.

Red / 5 Green Flashes / Red = Gear selector removed from "park".

Red / 6 Green Flashes / Red = Security system triggered or low voltage.

CODING REMOTES: 4-Button type/ Turn the ignition "ON". Press and release valet switch 5 times. The siren will chirp. Press LOCK button on each remote to be coded. (One at a time.) Turn the ignition "ON". Press and release valet switch 5 times. The siren will chirp. Press The Big Button On Each Remote To Be Coded. (One at a time.)

NOTES

1) Unit has new "Smart Trigger" feature that makes Dome Light Supervision installation easier.
2) There are 2 ways to monitor the engine running: Tach-Sensing or Voltage Sensing.
1) Unit automatically takes sensor "Off-Line" during remote start.
2) Two sensor imputes.
3) Positive output for a siren.
4) Plug in port for RS-RP to add additional ignition outputs.
5) Unit is compatible with the FPM-1.
6) Unit has "STORM" (Safety Disable) feature. (Pressing UNLOCK while the alarm is in the triggered condition will not unlock the doors. This is very useful when sensors are being disturbed by the weather.)
7) PIT-STOP feature allows the engine to run without the key. By pressing the valet switch twice, the parking lights flash and the siren will chirp 5 times, then turn the key off, the engine will run without the key.
8) Remote starting Preactivation feature.
9) Easy valet mode.
10) Starting valet mode.
11) Both full valet mode

SAFETY FEATURES

WHILE THE ENGINE IS RUNNING:

1. Pressing the brake pedal will stop the engine.
2. Removing the gear shifter from "Park" will stop the engine.
3. Opening the hood will stop the engine.

THIS UNIT WILL NOT ACTIVATE IF THE FOLLOWING SAFETY CIRCUITS ARE TRIGGERED:

1. Gear shifter not in "Park". (Produces 1 long chirp.)
2. Open hood. (Produces 1 long chirp.)

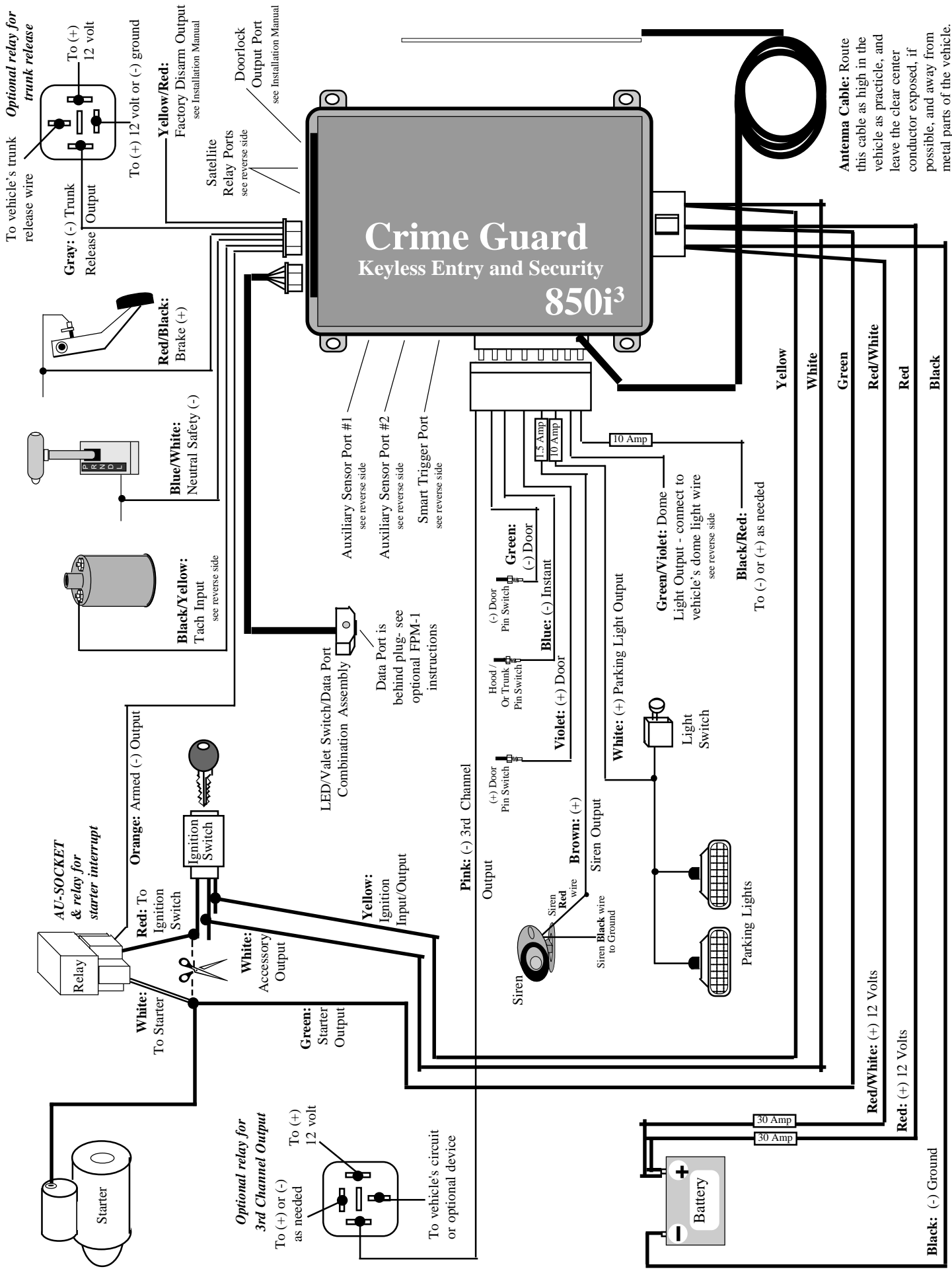Pressed brake pedal. (Produces 1 long chirp.)

Programmable Features

Turn ignition "on" then "off". Press and release valet button 5 times. Unit will enter feature set-up. Press valet button equal to the feature number you wish to change.

FEATURE#	DEFAULT	LOCK	UNLOCK
Feature #1 Current Sensing	OFF	ON	OFF
Feature #2 3 or 210 Second Current Sensing Delay	3	210	3
Feature #3 30 or 60 Second Alarm Duration	60	60	30
Feature #4 3 or 45 Second Arming Delay	3	45	
Feature #5 Last Door Arming	OFF	ONOFF	
Feature #6 Automatic Rearming	OFF	ON	OFF
Feature #7 Disarm Upon Trunk Release	ON	ON	OFF
Feature #8 Parking Lights Upon Disarm	ON	ON	OFF
Feature #9 Doors Lock With Ignition "ON"	ON	ON	OFF
Feature #10 Ignition OFF Unlock #1	ON	ON	OFF
Feature #11 Ignition OFF Unlock #2	ON	ON	OFF
Feature #12 Open Door Bypass To The Previous Three Features	ON	ON	OFF
Feature #13 Doors Lock With Last Door Arming	OFF	ON	OFF
Feature #14 Automatic Rearming Lock	OFF	ON	OFF
Feature #15. Door Lock Unlock Pulse Duration	.8	3	.8
Feature #16 Double Unlock Pulse	OFF	ON	OFF
Feature #17 28 Second Lock Pulse	OFF	ON	OFF
Feature #18 Ignition Vehicle Recovery	OFF	ON	OFF
Feature #19 Door Activated Vehicle Recovery	OFF	ON	OFF
Feature #20 Transmitter Activated Vehicle Recovery	OFF	ON	OFF
Feature #21 Confirmation Chirp	ON	ON	OFF
Feature #22 Steady Siren / Pulse horn	STEADY	PULSED	STEADY
Feature #23 Loud Or Soft Confirmation Chirps	SOFT	LOUD	SOFT
Feature #24 One Or Two Button Transmitter Operation	TWO	ONE	TWO
Feature #25 10 Or 20 Minute Engine Run Time	10	20	10
Feature #26 Steady Or Flashing Lights	STEADY	FLASH	STEADY
Feature #27 Gas Or Diesel Engine	GAS	DIESEL	GAS
Feature #28 Extended Crank Time	MIN.7	NOTE 1	MIN.7
Feature #29 Tachless Or Tach Operation	TACH	LESS	TACH
Feature #30 Preactivation	ON	OFF	ON

NOTE 1: Each time you press lock button the extended start will advance to the next highest base start time (Two Chirps 1.25 SEC. Three Chirps, 1.75SEC, Four Chirps 2.5 SEC.).

Total System Reset

Method # 1: Preset the FPM-1 to default settings, access feature set-up and reset.

Optional relay for trunk release

To (+) 12 volt

To vehicle's trunk release wire

To (+) 12 volt or (-) ground

Yellow/Red: Factory Disarm Output see Installation Manual

Doorlock Output Port see Installation Manual

Satellite Relay Ports see reverse side

Gray: (-) Trunk Release Output

Red/Black: Brake (+)

Blue/White: Neutral Safety (-)

Black/Yellow: Tach Input see reverse side

Crime Guard
Keyless Entry and Security
850i³

IS-CG-850i3

Antenna Cable: Route this cable as high in the vehicle as practicle, and leave the clear center conductor exposed, if possible, and away from metal parts of the vehicle.

Auxiliary Sensor Port #1 see reverse side

Auxiliary Sensor Port #2 see reverse side

Smart Trigger Port see reverse side

LED/Valet Switch/Data Port Combination Assembly

Data Port is behind plug- see optional FPM-1 instructions

Green: (-) Door

(-) Door Pin Switch

Blue: (-) Instant

Hood / Or Trunk Pin Switch

Violet: (+) Door

(+) Door Pin Switch

Pink: (-) 3rd Channel Output

White: (+) Parking Light Output

Green/Violet: Dome Light Output - connect to vehicle's dome light wire see reverse side

Black/Red: To (-) or (+) as needed

Light Switch

Parking Lights

Yellow

White

Green

Red/White

Red

Black

1.5 Amp

10 Amp

10 Amp

AU-SOCKET & relay for starter interrupt

Orange: Armed (-) Output

Ignition Switch

Red: To Ignition Switch

Relay

White: To Starter

White: Accessory Output

Green: Starter Output

Yellow: Ignition Input/Output

Brown: (+) Siren Output

Siren **Red** wire

Siren **Black** wire to Ground

Siren

Starter

Optional relay for 3rd Channel Output

To (+) 12 volt

To (+) or (-) as needed

To vehicle's circuit or optional device

Battery

30 Amp

30 Amp

Red/White: (+) 12 Volts

Red: (+) 12 Volts

Black: (-) Ground