



CRIMESTOPPER

SECURITY PRODUCTS, INC.

CG1100 CYCLEGUARD

MOTORCYCLE ALARM OPERATION INSTRUCTIONS

ARMING W/CHIRP

Press Button 1 once:

Siren will Chirp Once, Lights will Flash Once, LED flashes slowly

DISARMING W/CHIRP

Press Button 1 once:

Siren will Chirp Twice, Lights will Flash Twice, LED stops flashing.

REMOTE VALET

To Enter Valet Mode:

With system DISARMED, Press buttons 1&2 at the same time

Siren will YELP Once, Lights will Flash Once.

To Exit Valet Mode:

Press Buttons 1&2 at the same time TWICE.

Siren will Chirp Twice, Lights will Flash Twice

EMERGENCY DISARM

With system Armed and/or triggered, Turn Ignition ON

Before 10 seconds, Press Brake 5 times, system will disarm.

PASSIVE/ACTIVE SELECT

This feature is typically set during installation. If, however, a switch was installed on this circuit, then you may simply toggle the switch in the opposite direction to change operation. When PASSIVE Arming is on, the system will automatically set 60 seconds after the ignition switch is turned off. Passive Arming is indicated by a rapid flashing LED during the 60 seconds after the ignition is turned off.

SENSOR ENABLE/DISABLE

The sensors on this system are typically ENABLED.

To DISABLE the sensors, the system MUST be Armed:

Press BOTH buttons 1&2, at the same time, when the system is ARMED.

The siren and Lights will chirp & flash 5 times - Sensors are DISABLED

To ENABLE the sensors:

Press BOTH buttons 1&2, at the same time, when the system is ARMED.

The siren and Lights will chirp & flash 3 times - Sensors are ENABLED

PROGRAMMING A NEW REMOTE

Please refer to the **INSTALLATION** section of the pamphlet for programming instruction. To program a new remote control, the unit will have to be opened. This should be performed **ONLY** by a qualified Installation Technician.

IGNITION DISABLE

The Ignition Disable circuit becomes active only once the alarm is triggered. The reason for Ignition Disable vs. Starter Disable, is Motorcycles are easily roll-started.

BUTTON 2 OPERATION

This Button has 3 programmable options. One of these options is set during the original installation. You will have one of the following operating features:

SILENT ARM/DISARM:

This operates the system without siren chirps.

Press Button 2 once to Arm the system - Lights Flash Once

Press Button 2 once to Disarm the system - Lights Flash Twice.

If system is triggered, siren will sound. Upon Disarm, Lights will flash 3 times.

BIKE LOCATOR:

With this feature pressing Button 2 causes the lighting system to flash for 15 seconds. This is useful for locating your Motorcycle in a crowded parking lot at night.

REMOTE OUTPUT:

With this feature, pressing Button 2 provides a momentary negative output. This is used primarily for activating a remote engine starter, although there could be other inventive applications for this feature.

CRIMESTOPPER
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CycleGuard™

CG-1100

MOTORCYCLE REMOTE ALARM SYSTEM INSTALLATION GUIDE

INTRODUCTION

This system has been specifically designed for application to Motorcycles. The control module is small and compact, and highly water resistant. Its built-in, dual element shock/motion sensor is perfectly suited for any size Motorcycle, and its wiring can be tapped into to allow you to protect any additional storage devices such as saddle bags and wind-fairing compartments.

This guide will provide you with enough general information to get you through the installation of this security systems. The information assumes a general knowledge of vehicle electrical theory and the ability to locate, test, and identify wiring in the vehicle using a digital (or analog) Volt/Ohm meter.

We hope this brief introduction helps eliminate confusion when installing your system. Should you experience trouble during installation, tech support is available by calling:



1 (800) 998-6880

Monday - Friday 8:00am - 4:30pm Pacific Time

SYSTEM FEATURES:

- ◆ Highly Water Resistant
- ◆ Dual Element Sensor for Detecting Shock/Impact and Motion Caused by Taking Bike Off of Kick or Center-Stand
- ◆ Multi-Contact Built-In Relay for High Security Ignition Disable
- ◆ Remote Valet Mode
- ◆ Remote Sensor Defeat
- ◆ Audible/Silent Arm/Disarm
- ◆ Programmable Locator Mode or Remote Controlled Output
- ◆ Code Learning Remote Controls

CONTROL MODULE MOUNTING

The module should be mounted in a concealed location. **DO NOT** alter the length of antenna wire or route it with any other wiring.

MOUNTING LOCATIONS

UNDERSEAT MOUNTING: Depending on the type of motorcycle you are working with, the most likely location for mounting the module will be under the seat. This provides concealment from would-be thieves and accessibility for the owner. Try to locate the unit where it be **LEAST** likely to get wet when riding in wet weather or washing the vehicle. Although the unit is highly water-resistant, it is **NOT** water-proof.

MOUNTING COMPONENTS

MOUNTING PIEZO SIREN

Mount Siren as concealed as possible, while allowing for it to heard clearly. Make sure siren is mounted so that it points downward to prevent **water** from accumulating inside it. **DO NOT MOUNT NEAR EXHAUST PIPES OR ANY OTHER EXCESSIVE HEAT SOURCE.**

LED MOUNTING

The LED ASSEMBLY should be located in a visible location, usually in or around the instrument cluster. Drill a 5/16" hole.

SENSOR MOUNTING & ADJUSTMENT

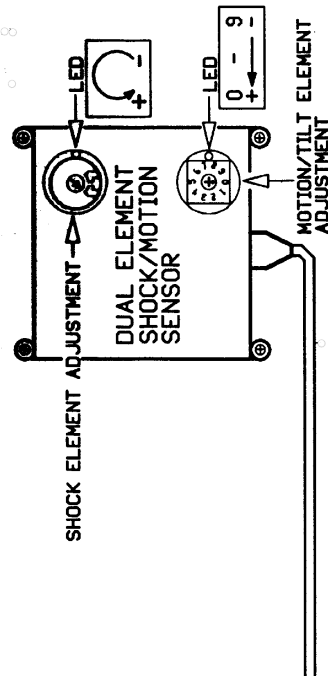
SENSOR MOUNTING

The sensor can be mounted in any position. The self-centering design of the motion section will automatically set itself to resting position of the vehicle. In the case of a motorcycle, either the center-stand or side-stand.

SENSOR ADJUSTMENT

The sensor has two adjustment pots. One pot is for the shock sensor, the other is for the tilt/motion sensor. These circuits are adjusted by turning the adjustment pot located behind the rubber plugs. Next each adjustment pot is a small LED which can be viewed to determine the sensitivity.

MAKE CERTAIN TO RE-INSTALL THE RUBBER PLUGS TO PREVENT WATER DAMAGE!



WIRING

16 PIN PLUG:

IGNITION DISABLE (optional)

GREEN: RELAY COMMON TERMINAL

PINK: RELAY NORMALLY OPEN TERMINAL

YELLOW: RELAY NORMALLY CLOSED TERMINAL

Since many motorcycles can be kick-started or easily push-started, these wires are designed to interrupt, OR ground the Ignition coils of the motorcycle. The method used will be determined by the type of Ignition system the motorcycle has. When using the interruption method, use the **GREEN** and **PINK** wires. When using the grounding method, use the **GREEN** and **YELLOW** wires.

RED WIRE: +12 VOLT POWER: PIN #8

Connect to Constant +12 Volt power source with supplied In-Line 10 Amp fuse and Fuse Holder.

BLACK WIRE: CHASSIS GROUND: PIN #6

Connect this wire to the frame of the motorcycle using an existing bolt not easily located from the outside of the motorcycle.

WHITE/GREEN WIRE: IGNITION SWITCHED +12 VOLTS: PIN #9

Connect to an Ignition wire (or fuse in the fuse box) that shows +12 Volts when the key is in the "On" position.

BLUE WIRE: FLASHING PARKING LIGHT OUTPUT: PIN #11

Connect to any Parking Light wire or to the Tail light wire.

BROWN WIRE: + SIREN OUTPUT: PIN #10

Connect **BROWN** wire to the **RED** wire of the supplied Piezo siren. Ground **BLACK** wire of Siren to Chassis ground(body metal).

WHITE WIRE: (-)NEG. PROGRAMMABLE OUTPUT: PIN #3 (optional) (may require relay) See **JUMPER PIN PROGRAMMING**

Connect to terminal 85 of relay. Connect terminal 86 to +12 Volt constant. Connect terminal 87 to +12V Constant or Ground. Connect terminal 30 to device to be activated.

WHITE/RED WIRE: (+)POSITIVE EMERGENCY OVERRIDE: PIN #1

Connect this wire to the positive Brake light wire.

ORANGE WIRE: (+)STATUS LED OUTPUT: PIN #2

Connect to the **RED** wire of the LED.

6 PIN PLUG:

YELLOW WIRE LOOP: PASSIVE ARMING CONTROL

Cut this loop to DISABLE Passive/Automatic Arming

3 WIRE CONDUCTOR WITH PLUG: SENSOR CONNECTION

GRAY WIRE: ANTENNA - DO NOT CONNECT TO ANYTHING

PROGRAMMING

There are two types of programming on this system.

Transmitter Code Learning: This allows remote controls to be learned by the system through a simple procedure.

Jumper Pin: This allows for the configuration of the Button #2 feature:

TRANSMITTER CODE LEARNING:

In order to learn a new remote control, it will be necessary to open the case of the main control module.

1. Locate the code learn push button on the P.C.B.
2. With the system powered up, press the push button, the L.E.D. on the circuit board will start to flash.
3. Button #1 on the remote control until the L.E.D. stops flashing. The remote control is now programmed.

* Up to 8 transmitters may be learned into the system.

Replace the case cover. Make sure to replace all the screws.

JUMPER PIN PROGRAMMING:

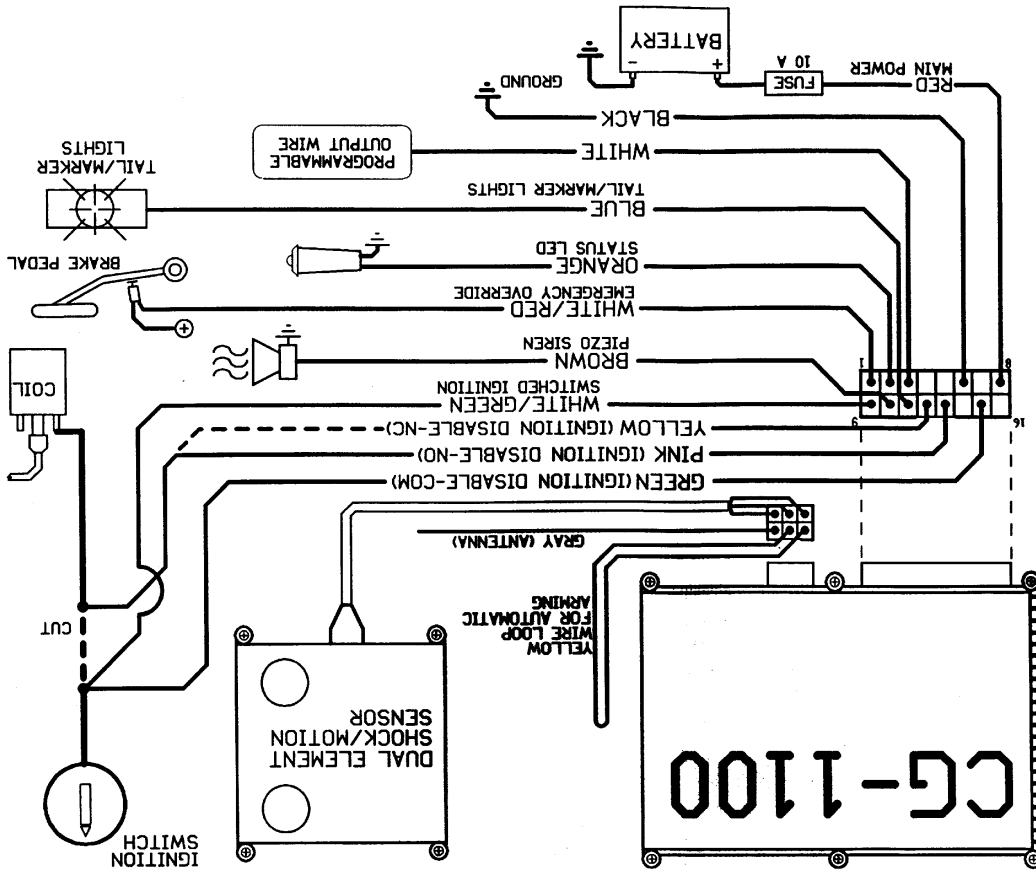
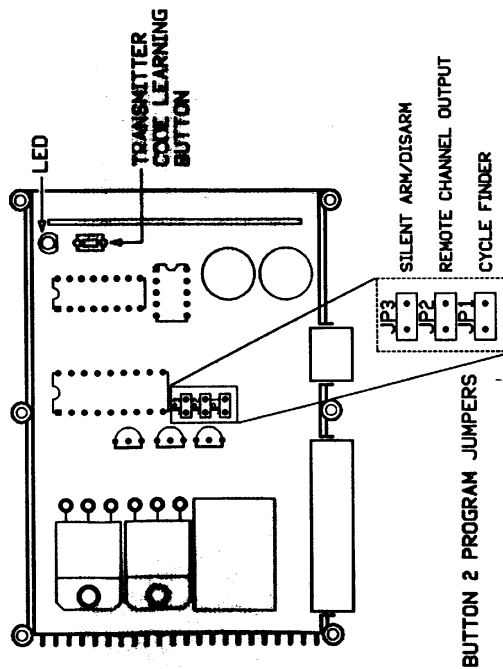
Jumper Pins are used for programming the function of Button #2. It will be necessary to open the case of the main control module.

There are three(3) programming choices:

1. Cycle-finder - Connect JP1
2. Auxiliary Remote Output - Connect JP2
3. Silent Arm/Disarm - Connect JP3

See diagram below for Jumper Pin locations.

See Operation Instructions for description of how the above features work.



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