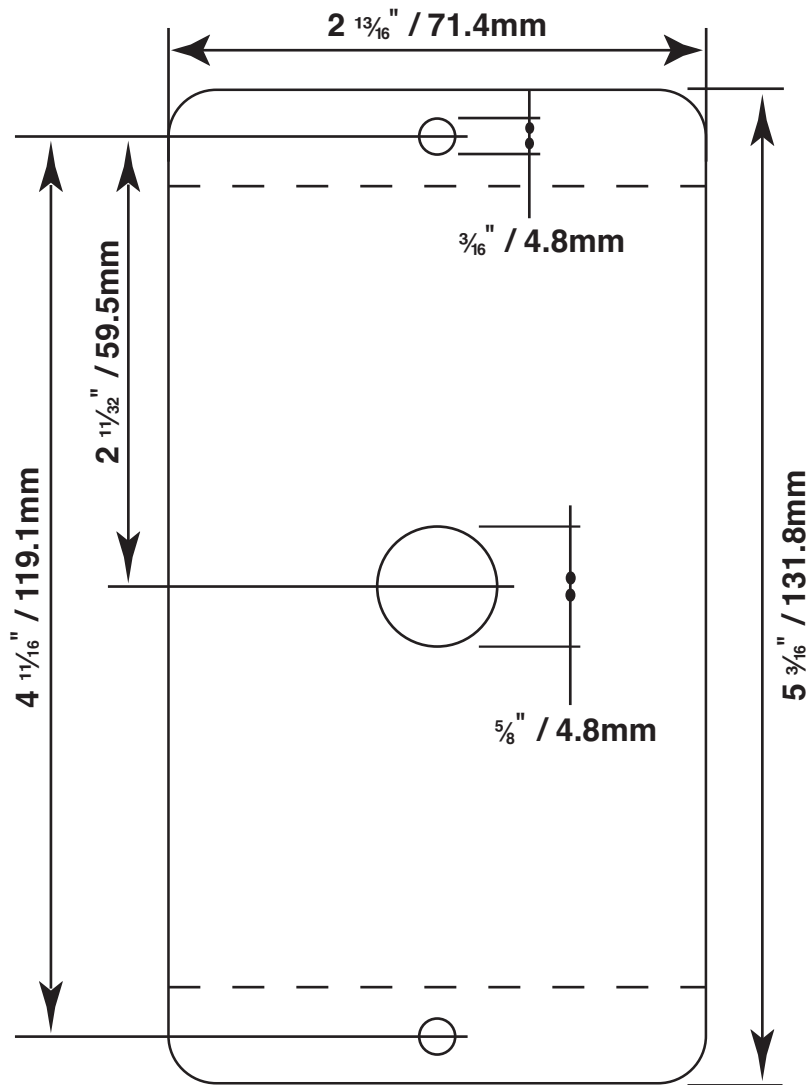


# MOUNTING TEMPLATE



# PSL™

## PROGRAMMABLE CODE SWITCH

### OPERATION INSTRUCTIONS

*Read and Save*



EL510-35PSL  
SSI0210

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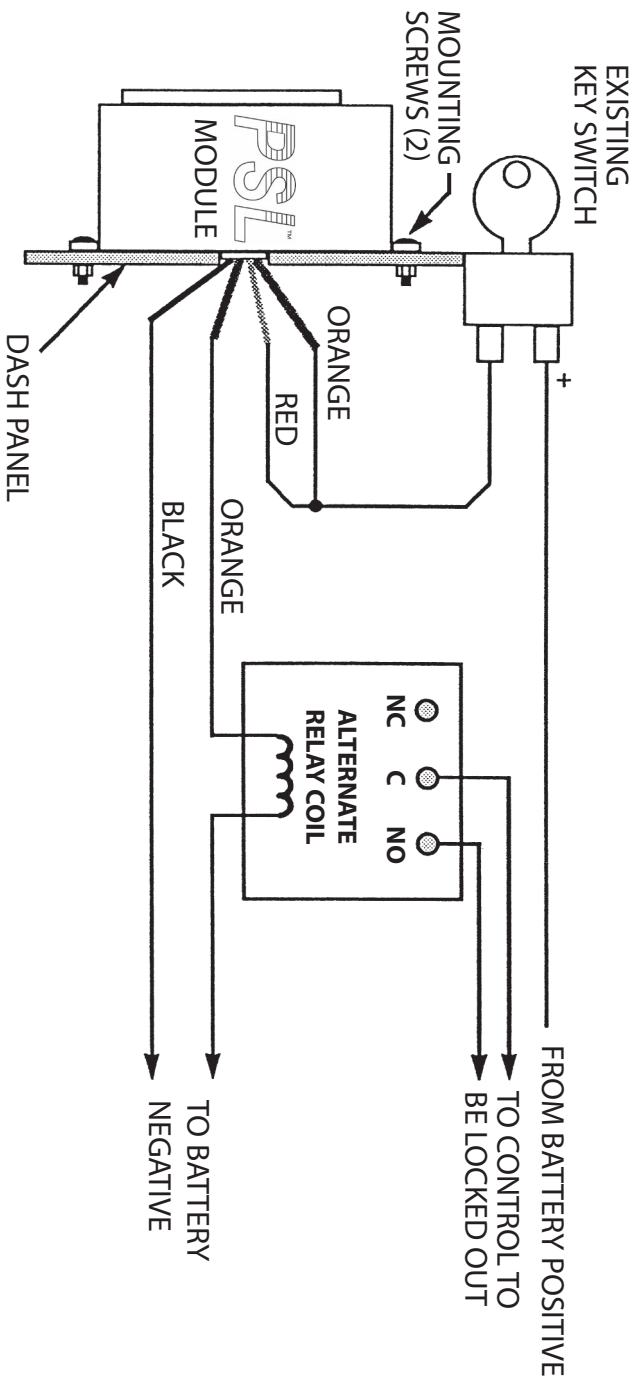


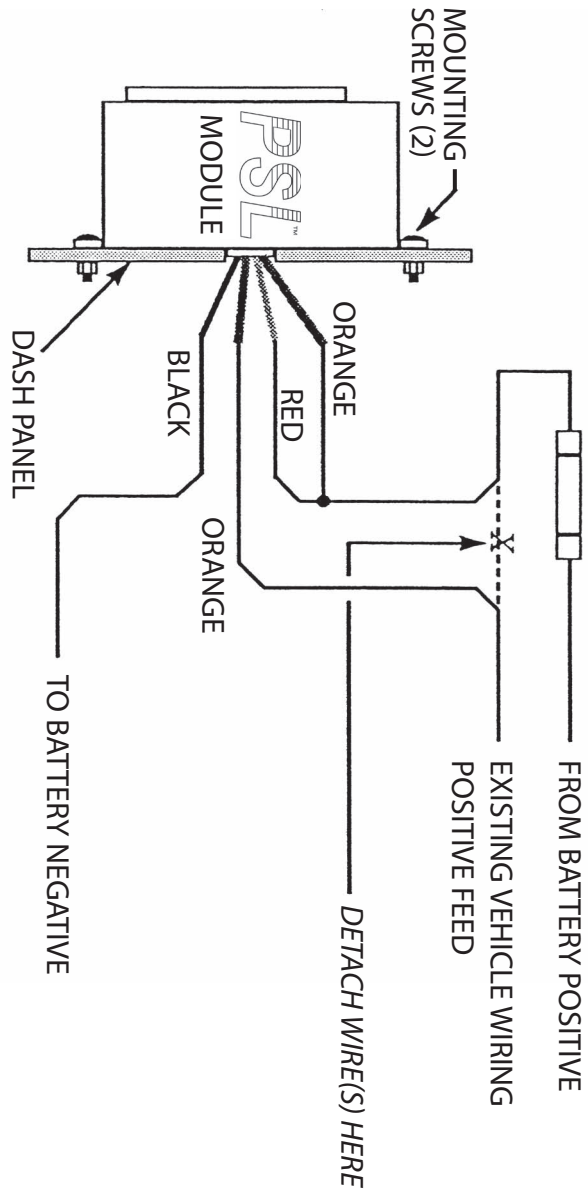
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# ALTERNATE RELAY WIRING





Introduction ..... Pg. 1

Specifications ..... Pg. 1

Operator Instructions ..... Pg. 2

Supervisor Instructions ..... Pg. 3

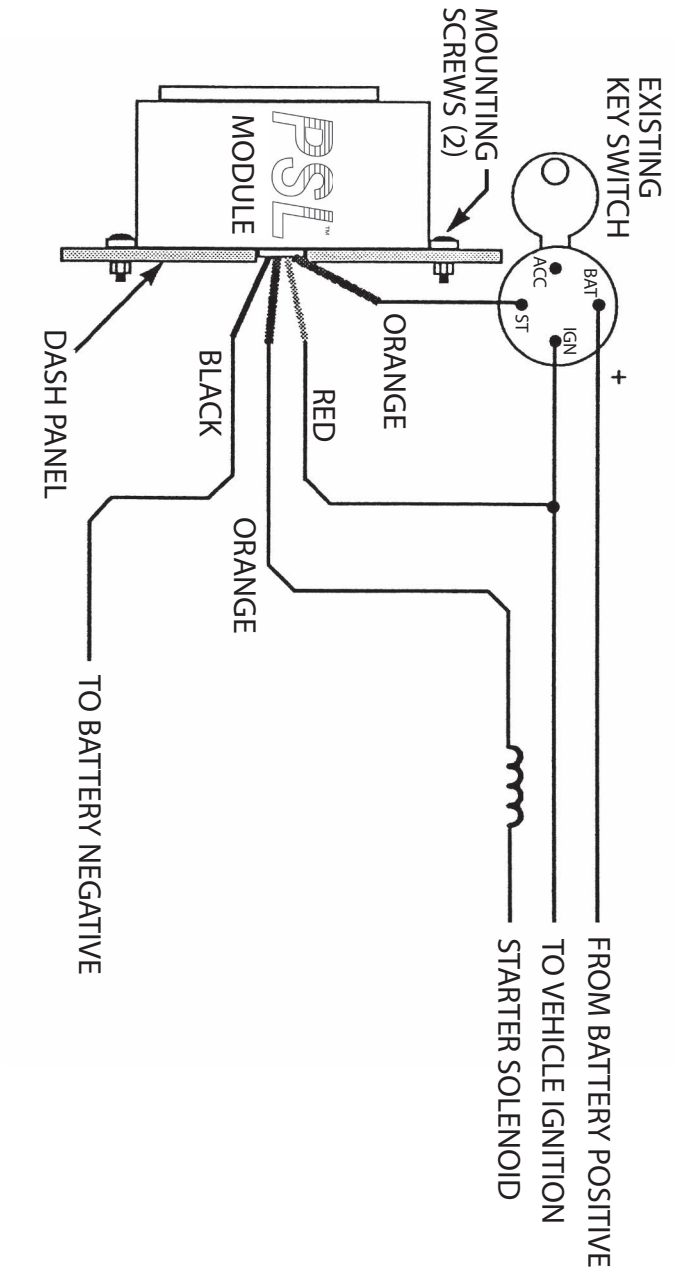
Typical Wiring..... Pg. 4

I.C. Engine Wiring..... Pg. 5

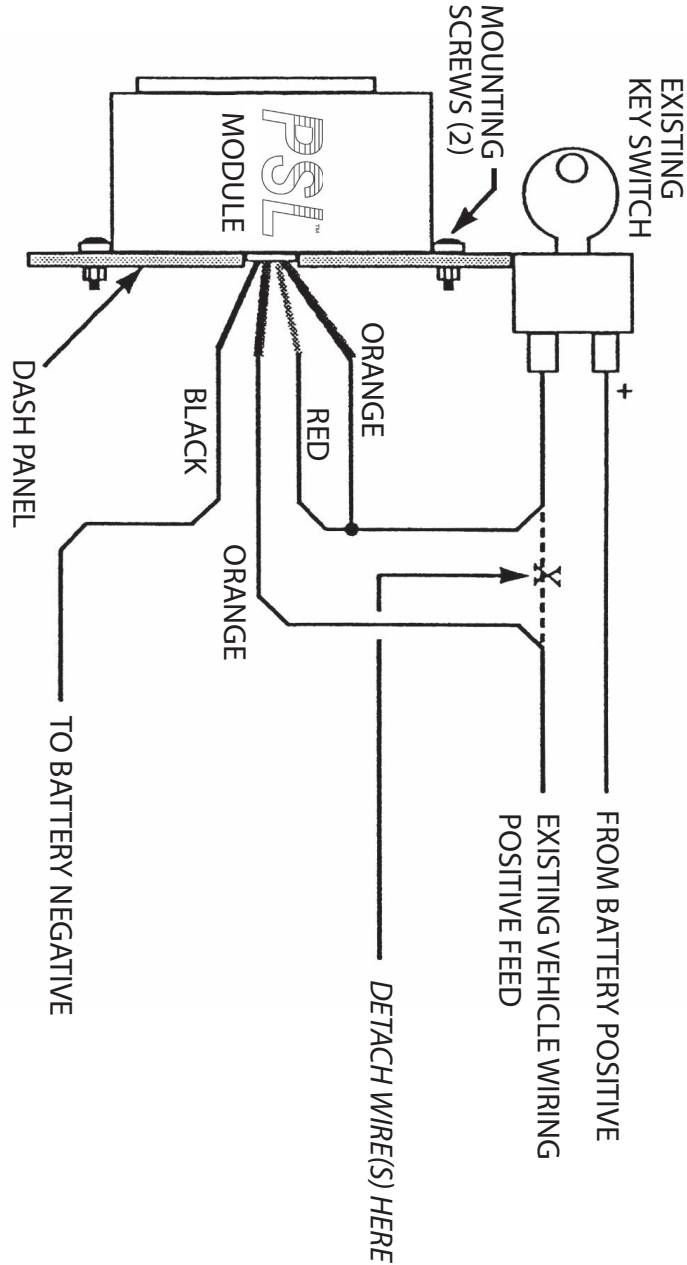
E.V. Wiring without Key Switch..... Pg. 6

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Mounting Template ..... Pg. 8



## TYPICAL WIRING



## INTRODUCTION

The PSL™ Programmable Security Lock is designed for use on both battery and I.C. engine powered vehicles to prevent unauthorized operation of the vehicles.

With the PSL™ installed, a vehicle cannot be started without the four digit operator's code. This allows controlled access to vehicles, so that only those persons with the operator's code can start and operate the equipment.

As an added security measure, the PSL™ operator's code can be changed by a supervisor should the need occur.

Installation is simple, with just four wires to connect. Typical wiring schemes for both battery and I.C. engine powered vehicles are illustrated on the following pages.

## SPECIFICATIONS

Case: ABS plastic

5 <sup>3</sup>/<sub>16</sub>" H x 2 <sup>13</sup>/<sub>16</sub>" W x 1.0" D

Two (2) <sup>3</sup>/<sub>16</sub>" mounting holes, 4 <sup>11</sup>/<sub>16</sub>" center to center

Keypad: Contacts internally sealed, moisture resistant

Voltage: Input range 12-90VDC

Current: Input less than 30mA when initial power is applied; less than 90 mA with the PSL™ in On state

Output: Contact rating up to 10A maximum through 48V  
Maximum 1A contact rating above 48V  
For loads greater than 10A use external relay

*Warranty Note: There are no user serviceable parts in the PSL™. The unit is sealed and a broken seal voids the warranty.*

## OPERATOR INSTRUCTIONS

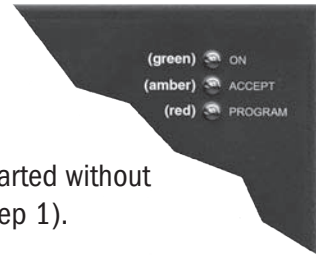
1. Enter four digit code on key pad.
  - Amber LED lit.
  - Code accepted.



2. Depress On button.
  - Green LED lit.
  - Vehicle can be started with ignition or start switch.



3. Depress Off button.
  - All LEDs off.
  - Vehicle is off and cannot be started without entering the four digit code (step 1).



When entering code on key pad:

- Short beep indicates properly depressed key.
- Long beep indicates an error in depressing key.

If an error occurs, you must begin the code entry process at step 1 again.

## SUPERVISOR INSTRUCTIONS

1. Enter four digit Supervisor Code on key pad.
  - Red LED lit.
  - Supervisor Program mode initiated.



To start vehicle:

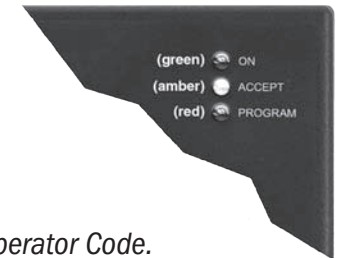
- 2A. Depress On button.
  - Green LED lit. Program mode exited.
  - Vehicle can be started with ignition or start switch.



Or

To change Operator Code:

- 2B. Enter new four digit Operator Code.
  - Amber LED lit.
  - New Operator Code accepted.



*Note: Do either 2A Start Vehicle or 2B Change Operator Code. You cannot do both at the same time.*

3. Depress Off button.
  - No LEDs lit
  - New Operator Code activated.



*Note: On and Off cannot be one of the four digits of an Operator Code. The new Operator Code will remain in the PSL until the supervisor changes the Operator Code, even when power is removed from the equipment.*