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# Progressive Timer/Controller #0200, 0201, 0203, 0204 kits



#### Disclaimer

Racing is a dangerous sport. If you engage in racing or any activity described in this document, you are acknowledging and assuming responsibility for all risks incurred. The progressive timer controller is not EPA certified and are not to be used on any emission controlled, street driven vehicle. The information herein is for reference only and is not an authoritative document. We are not liable for misuse, accidents, loss of property, personal injury or death.

## Progressive Timer Instructions for Kit #0200, 0201,0203, 0204

1. First after opening the package, verify the contents:

- 0200 Progressive Timer/Controller Kit, without Relays,  
Includes #205 software, #210 progressive timer, #220 Terminal pack, #222 fuse holder, 2 # 224 fuses and #240 cable
  
- 0201 Progressive Timer/Controller Kit, with Relays  
Includes #205 software, #210 progressive timer, #220 Terminal pack, #222 fuse holder, 2 # 224 fuses, #240 cable and #232 relay kit
  
- 0203 Nitrous assisted Turbo Progressive Timer/Controller Kit, without Relays,  
Includes #205 software, #211 progressive timer, #220 Terminal pack, #222 fuse holder, 2 # 224 fuses and #240 cable
  
- 0204 Nitrous assisted Turbo Progressive Timer/Controller Kit, with Relays  
Includes #205 software, #211 progressive timer, #220 Terminal pack, #222 fuse holder, 2 # 224 fuses, #240 cable and #232 relay kit

## Do's and Don'ts

**General Note:** In order to use this Progressive Timer/ Controller you should understand relay logic and have basic understanding of PC computers, installing software and manipulating programs. If you are proficient in using programmable ignitions, EFI or data acquisition programs, you will not have problem with this product.

1. Before starting working with this product, please take the time to read all documentation.
  
2. Take care to wire this product properly. Incorrect wiring will damage this product.
  
3. Do not use without a fuse and do not use a fuse larger than 2 amps. Think of this as cheap insurance. NOTE: the fuse will not protect the outputs (Y0-Y5) from improper wiring.
  
4. Outputs (Y0-Y5) can only switch up to 1 amp. More power is typically needed, so use a secondary relay such as automotive "Ice cube" type. **DO NOT DIRECTLY SWITCH POWER TO SOLENOIDS WITH THE CONTROLLER OUTPUT (Y0-Y5). THIS WILL CAUSE PERMANENT DAMAGE TO THE CONTROLLER.**

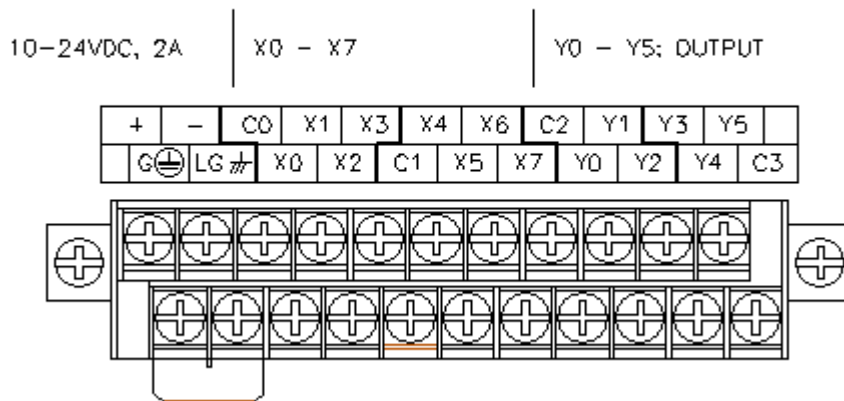
5. Due to the low current capacity of this device and the use of auxiliary relays, it is best if you use 20 awg wire for all connections to the Progressive Timer/ Controller. While larger wire can be used, they are needlessly large and will crowd the terminals.
6. Double-check all wiring before powering up. Damage due to power shorts will not be warranted.

## Mounting

1. Pick an accessible spot that that is protected from flying debris, water, oil, fuel and any other abuse that could occur.
2. Mount per the installation drawing as shown on Figure X. This spot should be relatively free of vibration, heat and ignition coils.
3. You will need to access comm. Port 2 and the Run-Terminal-Stop switch on the side of the Progressive Timer/ Controller. Also, the wiring terminal block is removable, so take this into consideration too.

## Wiring

### Removable Controller Connector



1. Wiring is show in diagram 0210 or 0211. This is the only way the Progressive Timer/ Controller should be wired.
2. It is important to wire the Progressive Timer/ Controller properly. Failure to do so could result in false actuation in power surge conditions associated with big solenoids, injectors, fuel pumps, etc. This is shown correctly in the wiring diagram 0210 or 0211
3. Once you are sure that the Progressive Timer/ Controller is wired correctly, with the engine not running, power up the Progressive Timer/ Controller. Y5 LED should be on. If not check the fuse.  
Apply power to the initiation circuit, X0 LED will turn on.  
Apply power to the reset circuit, X1 LED will turn on.  
Apply power to the program selector circuit, X2 LED will turn on.