



Golden Rodtronic  
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## **Timed Self Canceling Turn Signals With Cancel Feature and More**

Congratulations! You have just purchased the **finest** Self Canceling Turn Signal available. Everything you need to install your turn signal is included in this kit. All you supply are the time and tools.

**Please Read all of the instructions before starting.  
(This will ensure a proper, safe, and easy installation.)**

### **Features**

- This unit is designed to give you all the features of a modern steering column. It can be used with a Roadster type column that does not have a directional switch or in place of a nonfunctional directional switch in a modern column.
- The length of time the turn signals flash is not adjustable. The time is set for approximately 30 seconds, this should be long enough for most stop lights. If not, simply press the button again.
- The unit is designed to handle the load of most halogen brake and directional lights.
- There are 20 terminal connections on the unit but don't let them intimidate you. The unit was designed that way to help with the wiring.
- The unit is set up to use a conventional 4-way flasher unit in your factory style wire harness or the electronic flasher (for LED lights) that is available at Golden RODtronic

## Kit Contents

1ea. Turn Signal Module

2ea. Normally Open (NO) momentary (MOM) push button switches for operating the turn signals

1ea. Normally Closed (NC) momentary (MOM) push button switch for the cancel feature.

2ea Single Pole Single Throw (SPST) toggle switches. One to operate the 4-way flashers and one to operate the optional running light feature.

1ea. 15amp inline fuse and holder for the unswitched 12V input.

1ea. 5amp inline fuse and holder if you use the optional running light feature for ignition 12V input.

The switches supplied with this kit may be replaced (substituted) with a number of optional switches from Golden RODtronics

## Installation Tips

Familiarize yourself with the wiring harness. Most of the aftermarket harnesses have labels on the wires that tell what they are for.

The brake lights, 3<sup>rd</sup> brake light, and directional lights are grounded at the socket. The dash indicator lights will have their own ground wire you will have to attach and will not be addressed in the instructions.

All the connections you will make are from the unit to switches or lights. The wires to find are constant positive(+12volt), ignition switched (+12volt), the wire from your brake light switch, and ground. These wires will provide the “inputs” from the vehicles wire harness to the unit.

## Before you start installation disconnect the Ground cable of the vehicles battery

### Installation

The instructions will list the unit terminal block number first, then a description of the wires function and the connection.

Terminal #1

This is the ground connection for the unit. Install a wire from terminal #1 to ground.

Terminal #2 & #3

Connect the wires coming from the cancel switch to Terminal #2 & #3  
(This is the NC momentary pushbutton switch.) (See figure 1)

Terminal #4 & #5

Connect the wires coming from the toggle switch for the 4-way flashers. (See figure2)

#### Terminal #6

Connect terminal #6 to the “brake switch” wire of the harness. This is the brake light switch input to the unit. (This wire supplies 12V from the brake light switch.)

#### Terminal #7

Connect terminal #7 to the positive (+) side of the 3<sup>rd</sup> brake light.

#### Terminal #8

Connect terminal #8 to the left front turn signal wire in your harness (This supplies 12V to the left front directional light.)

#### Terminal #9

Connect terminal #9 to the left directional dash indicator light. (This supplies 12V to the Left directional dash indicator light)

#### Terminal #10

Connect terminal #10 to the left rear turn signal wire in the harness. This operates the left rear brake and directional light.

#### Terminal #11

Connect terminal #11 to the constant 12V source using the 15amp inline fuse. (This is the constant 12V connection for the unit.)

#### Terminal #12

Connect terminal #12 to the ignition switched 12V source using the 5amp in line fuse. (This will make your front directional lights function as running lights when the ignition is on. If you don't want them on all the time put a SPST switch (supplied in the kit) in the wire from the inline fuse to terminal 12 of the unit. See figure 3. The front directional light will still function normally when the running lights are on. (If your front directional light and dash indicator light wires are spliced together in the harness, the indicators will light along with the running lights. It will serve as a visual indication that the running lights are on)

#### Terminal #13 & #14

Connect terminal #14 to the “hazard” wire in your harness. No connection to terminal 13 is required when using this wire. (#13 is used for an external flasher, Supplying +12 v to the flasher)

If you are using LED type brake and directional lights, you will need to replace your existing can type flasher with an electronic one (available from Golden RODtronics) to do this, connect the electronic flasher as per the instructions that come with the flasher.

#### Terminal #15, #16, #17

This is the directional switch assembly connection. Terminal #16 supplies the trigger signal from the unit to the switch. Terminal #15 is the left trigger signal from the switch to the unit. Terminal #17 is the right trigger signal from the switch to the unit. If you use 2 separate NO momentary push button switches, see figure 4. If you use 1 SPDT momentary toggle or rocker switch, see figure 5.

#### Terminal #18

Connect terminal #18 to the Right front turn signal wire in your harness (This supplies 12V to the Right front directional light.)

### Terminal #19

Connect terminal #19 to the Right directional dash indicator light. (This supplies 12V to your Right directional dash indicator light)

### Terminal #20

Connect terminal #20 to the right rear turn signal wire in the harness. This operates the left rear brake and directional light.

## Check for Proper Operation

1. The 4-way flasher switch and running light switch are both off.
2. The 5amp and 15amp fuses are in.
3. Reconnect the battery.
4. Step on the brake and check that all rear brake lights come on.
5. Turn on the left directional and check both the front and rear left directional lights are blinking. Let them blink until they time out, which will be about 30 seconds.
6. Turn on the right directional and check both the front and rear right directional lights are blinking. This time don't let the lights time out, press the cancel button and they will cancel.
7. Turn the 4-way flasher switch on. Check front and rear lights are working. If the flasher switch is turned off before the 30 seconds, press the cancel button to turn off the 4-way flashers. If the 4-way flashers are on longer than 30 seconds they will go off when the 4-way flasher switch is turned off.

If the running light option is used, turn on ignition and the running light switch. Both front directional lights should be on. Test both left and right directional and check that the appropriate light blinks. Leave the running light switch on, turn off the ignition. The front directional lights should go out.

During the testing you probably noticed that the directional lights operate without the ignition being turned on, like your headlights. This is to incorporate the 4-way flasher into the unit. Unlike your headlights, the directional lights will only stay on for about 30 seconds and go off so the unit won't run your battery down.

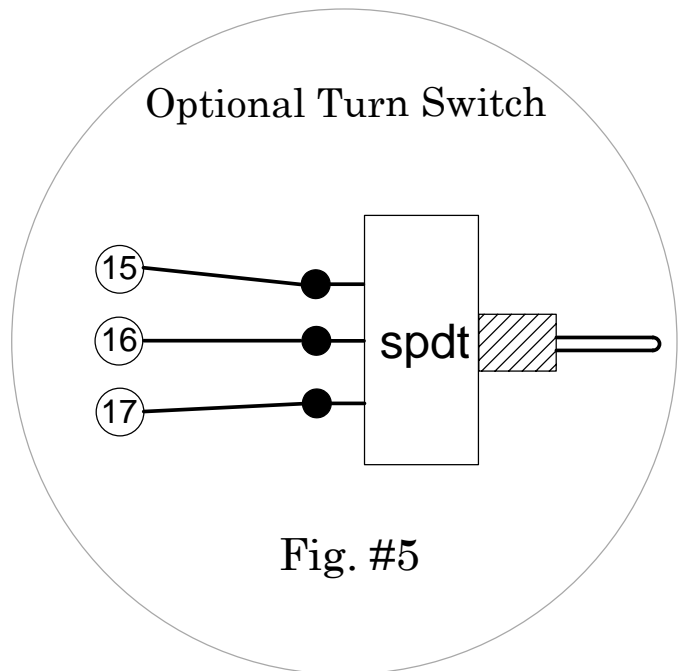
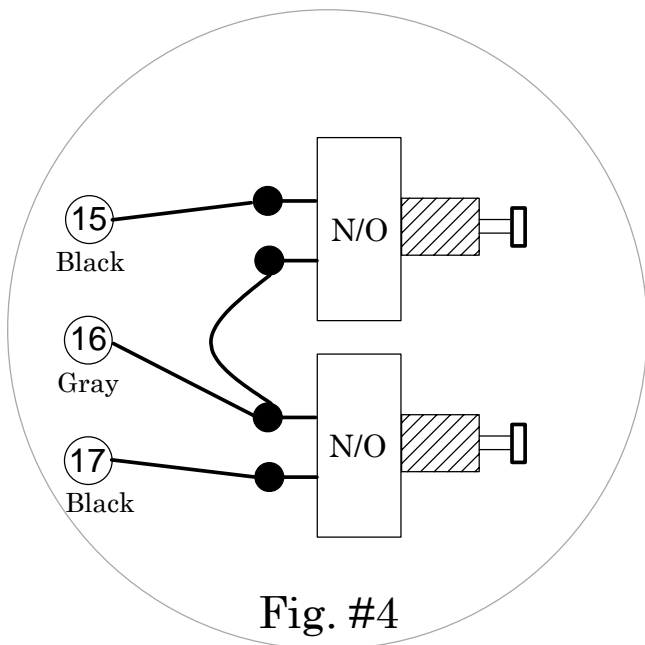
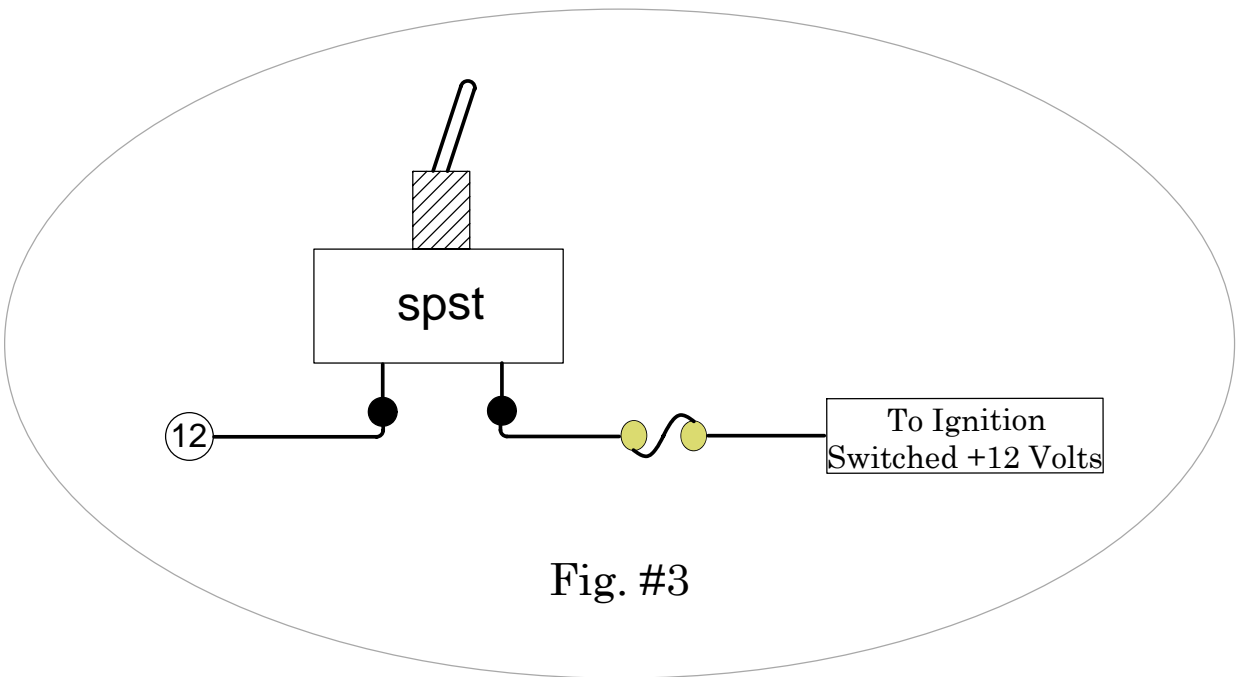
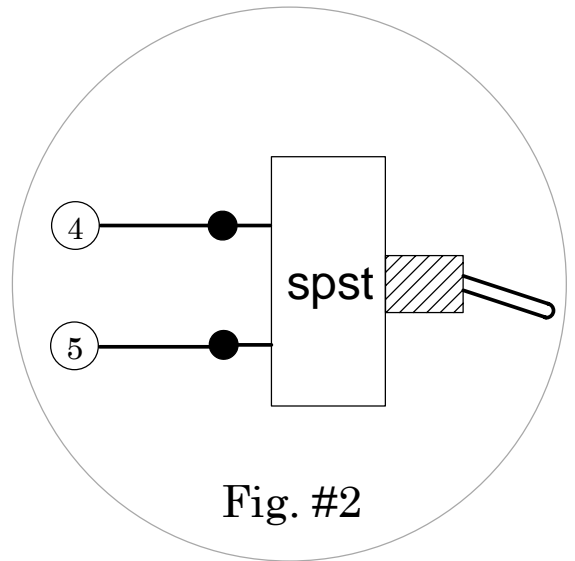
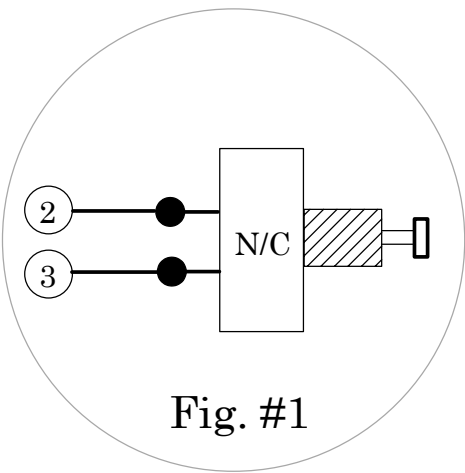
### **Warranty**

All of the parts contained in this kit will be warranted for one year from the date of purchase (not from the time of installation), providing that they have been installed as instructed. Return the defective part to Golden RODtronics and, providing that it is determined that the part was installed correctly, the part will be repaired or replaced by Golden RODtronics.

All authorized returns are subject to a 25% restocking fee. Returns will not be accepted if the kit has been installed then removed. **With NO exceptions.**

Because Golden RODtronics cannot be assured that the remote control system was installed as instructed, Golden RODtronics liability is limited to the replacement of the system. The purchaser signifies his/her agreement with the warranty, and the limited liabilities of Golden RODtronics stated herein, by the attempted or complete installation of this product. This unit was designed and engineered by Rick Mykins for Golden RODtronics

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