

## ALTERNATE 5 100% SOLID STATE - REAR REVERSE LIGHT FLASHER

Congratulations! You are now the proud owner of the most technically advanced tail light flasher system in the market today. Add it to our never ending commitment to quality, this new flasher system will provide you years of dependable, trouble free service.

The SoundOff Signal solid state ALTERNATE 5 utilizes the existing brake and backup lights on any vehicle with a 12 VDC negative ground system.

A properly installed solid state ALTERNATE 5 will alternate the brakelights, including the third brakelight, with the back-up lights at a constant rate of 2.4 flashes per second. Alternating red and white light creates an effective warning signal to the rear of the vehicle to greatly reduce rearend collisions.

### INSTALLATION

**MOUNTING:** Mount in the vehicle's trunk near the brakelights.

**CONNECTIONS:** Use 18 gauge wire on all extensions except the white wire where 16 gauge wire is recommended.

**GREEN WIRE:** Connect to a convenient, reliable ground.

**BLUE, ORANGE, YELLOW, & PINK WIRES:** Determine if the vehicle has a three or four wire brake system.

#### THREE WIRE SYSTEM:

(Where both the turn signal and brake lights use the same bulb.)

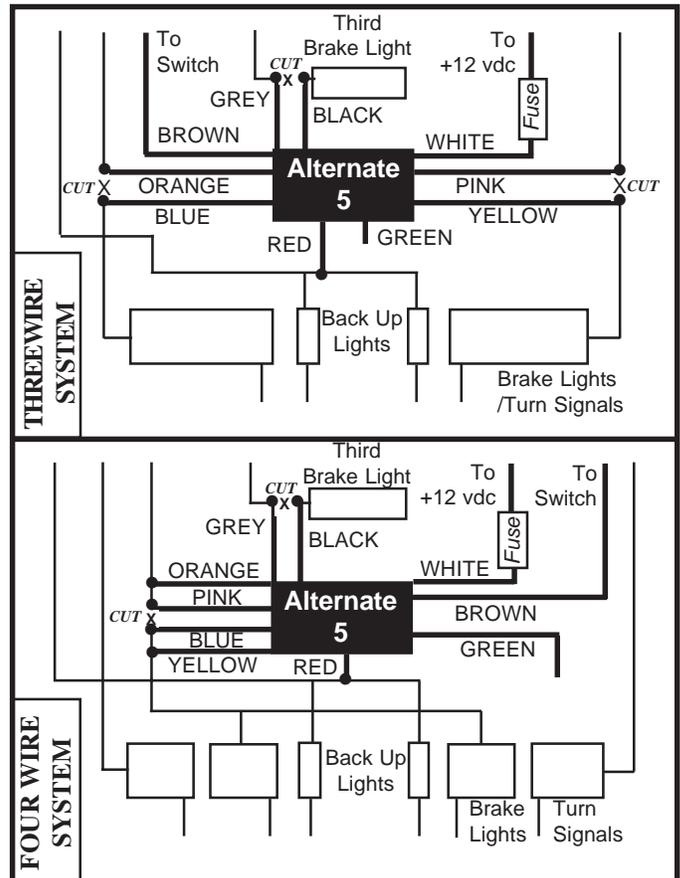
1. Locate and cut the wire that feeds power to the left turn signal/brake light.
2. Connect the Blue wire to the lead that goes back to the signal/brake lights.
3. Connect the Orange wire to the remaining lead (that goes to the front of the vehicle).
4. Locate and cut the wire that feeds power to the right turn signal/brake light.
5. Connect Yellow wire to the lead that goes back to the right turn signal/brake light.
6. Connect the Pink wire to the remaining lead (that goes to the front of the vehicle).

#### FOUR WIRE SYSTEM:

(Where both the turn signals and brake lights use separate bulbs.)

1. Locate and cut the wire that feeds power to the brake lights.
2. Connect the Blue and Yellow wires together and then connect them to the lead that goes back to the brake lights.
3. Connect the Orange and Pink wires together and then connect them to the remaining lead (that goes to the front of the vehicle).

### WIRING DIAGRAMS



**RED WIRE:** "T" or tap the Red wire into the vehicle's back-up light wire.

**WHITE WIRE:** Connect through a fuse (20 amp) directly to the Positive post of the battery or other high current power source. We recommend the use of a fuse only - **DO NOT CONNECT THE FLASHER SYSTEM TO A CIRCUIT BREAKER OR FUSIBLE LINK.**

**BROWN WIRE:** Connect to a powered switch. This switch will only require 1/3 amp to activate the flasher.

**BLACK & GREY WIRES:** If the third brake light is functioning when the Flashback is ON, tape up the end and do not use.

If the third brake light is **not** functioning when the Flashback is ON, cut the wire that feeds power to the third brake light and connect the Black wire to the lead going back to the light, then connect the Grey wire to the remaining lead.

**NOTICE:** Welding on ANY vehicle creates voltage spikes that may destroy this flasher system and void its warranty. Disconnect ALL connections before welding on vehicle or frame, or wait to install the flasher after welding is completed.

## WARRANTY

SoundOff Signal warrants the ALTERNATE 5 solid state electronic flasher systems for 5 years from date of purchase, to the original purchaser, against any manufactured defects or workmanship. This warranty applies only to units installed according to manufacturer's installation instructions and operated within the units specifications.

Warranty coverage is as follows: 100% of purchase price for the first two years, 75% of purchase price the 3rd year, 50% of purchase price the 4th year, and 25% of purchase price the 5th year.

Warranty is void if the unit was installed incorrectly or maliciously damaged.

All warranty claims must be accompanied by a dated proof of purchase.

SoundOff Signal retains the right to be the sole mediator of what constitutes defects in performance or manufacturing.