

## Intersection Warning System - Headlight Application DIMENSION 3 (ED3000)

### NOTE

Flashing Headlight and Taillight Systems are intended for use on approved vehicles ONLY. It is the responsibility of the user of these systems to insure compliance to any Federal, State or Municipal regulations which may apply.

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

The SoundOff Signal Dimension 3 will operate a two or four headlight system on any vehicle with a 12 VDC negative ground system.

### NOTE

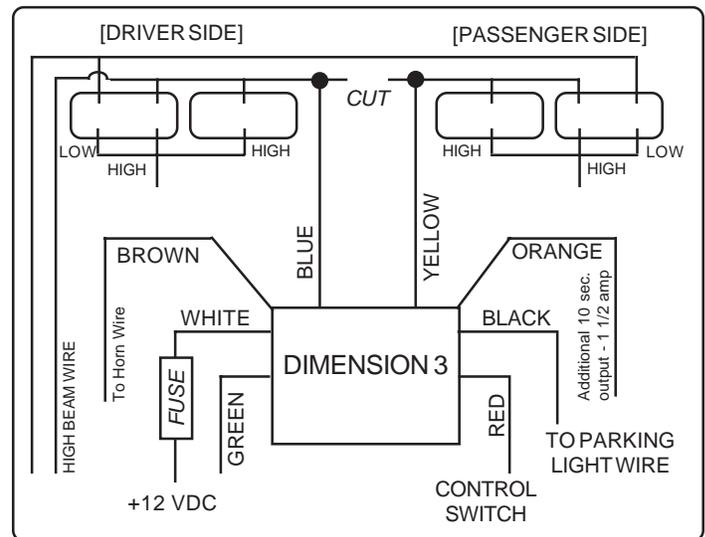
Please contact SoundOff Signal before attempting to install on any foreign vehicle (non-General Motors, Ford or Chrysler) or one that has a Daylight Running circuit for its headlights.

A properly installed Dimension 3 will alternate the vehicles high beam lights at a constant flash rate of 1.9 flashes per second. When the horn ring is depressed, the headlights will modulate at a patented 3.6 times per second for 10 seconds before automatically returning to its normal alternating flasher function.

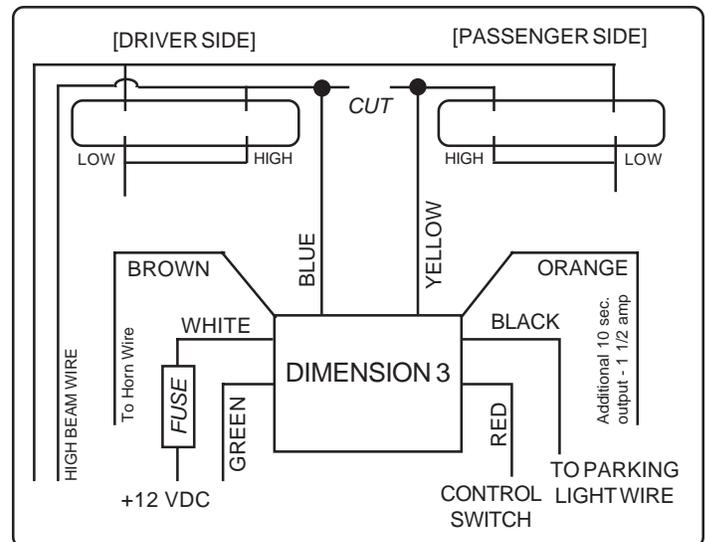
When used at night, the low beam headlights remain ON for proper illumination while the high beam flash to gain attention and increase the vehicles visibility. When the dimmer switch is activated to high beam, the flasher systems 'High Beam Override' interrupts the flasher sequence to allow for normal high beam function. Flashing automatically resumes when the dimmer switch is deactivated.

\*We recommend no more than 10 amps per side to ensure maximum useful life.

### WIRING DIAGRAMS



**4 Lamp Install**



**2 Lamp Install**

## INSTALLATION

**MOUNTING:** Mount the flasher near the battery at the front of the engine compartment.

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

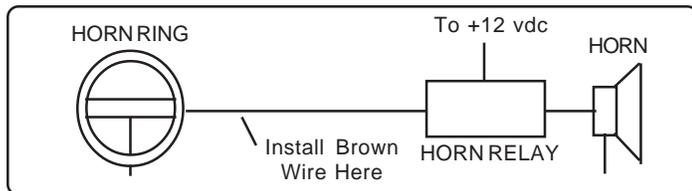
**BLUE & YELLOW WIRE:** Locate the wire that supplies power to the passenger side high beam headlight. Cut this wire approximately 10" to 12" from the back of the headlight. Connect the yellow wire to the lead that returns to the passenger side high beam. Connect the blue wire to the other piece of cut wire. This will make the drivers side high beam flash.

**RED WIRE:** Connect to a powered switch. This switch will only require 1/4 amp to activate the flasher.

**WHITE WIRE:** Connect through a fuse directly to the positive post of the battery or other high current power source. A 20 amp fuse to be used with a two headlight system and a 30 amp fuse on a 4 headlight system. We recommend the use of a fuse only. **DO NOT CONNECT THE FLASHER SYSTEM TO A CIRCUIT BREAKER OR FUSIBLE LINK.**

**BLACK WIRE (OPTIONAL):** If an 'Automatic Nighttime Cut-Off' is required, simply "T" or tap the black wire into a parking light wire. **DO NOT CONNECT TO THE LOW BEAM WIRE.** If not required, cutoff excess wire and tape end.

**BROWN WIRE:** "T" or tap the brown wire into the wire that goes between the horn ring and the horn relay, see Diagram A.



**Diagram A.**

## NOTE

The horn ring must go to ground when activated.

If the 10 second warning mode is not desired, connect the brown wire to the flashers red wire.

**ORANGE WIRE (OPTIONAL):** Connect to the switch wire (red) of a separate flasher system, such as a Road Runner, Power Pulse or E.T.M. to drive additional warning lights. This +12 volt wire will provide up to 1-1/2 amps to activate a flasher during the 10 second warning mode. Tape the end of the wire if not used.

## NOTE

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

## WARRANTY

SoundOff Signal warrants the Dimension 3 (ED3000) Electronic Flasher Systems for one (1) full year from the 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 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.

Covered under U.S. Patents: #4114071 and #4309639.