

## RELAY DRIVEN ALTERNATING ELECTRONIC FLASHER w/ 100% SOLID STATE DAYTIME RUNNING LIGHTS

(ETxxDRL)

Congratulations! You are now the proud owner of the most technically advanced, Relay Driven Alternating Headlight Flasher with Daytime Running function in the market today. Add to it our commitment to quality, this new flasher system will provide you with years of dependable trouble-free service.

**DO NOT USE THIS FLASHER ON VEHICLES THAT HAVE 4-HIGH BEAM HEADLIGHT SYSTEMS !**

### NOTE

This Flasher will not work on any ground side switched system. If you have any questions regarding what type of system your vehicle has, contact SoundOff Signal's Technical Support Department at 1-800-338-7337.

A properly installed DRL Flasher will alternate the vehicle's high beam headlights. When used at night, the low beam head lights remain on for proper illumination while the high beams flash to gain attention and increase the vehicle's visibility. When the dimmer switch is activated to "high beam", the flasher system "High Beam Override" interrupts the flasher sequence to allow for normal high beam function. Flashing automatically resumes when dimmer switch is deactivated. Any time the flasher or either high or low beam headlights are OFF, the DRL function will turn the high beam headlights on at 1/2 brightness.

### 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.

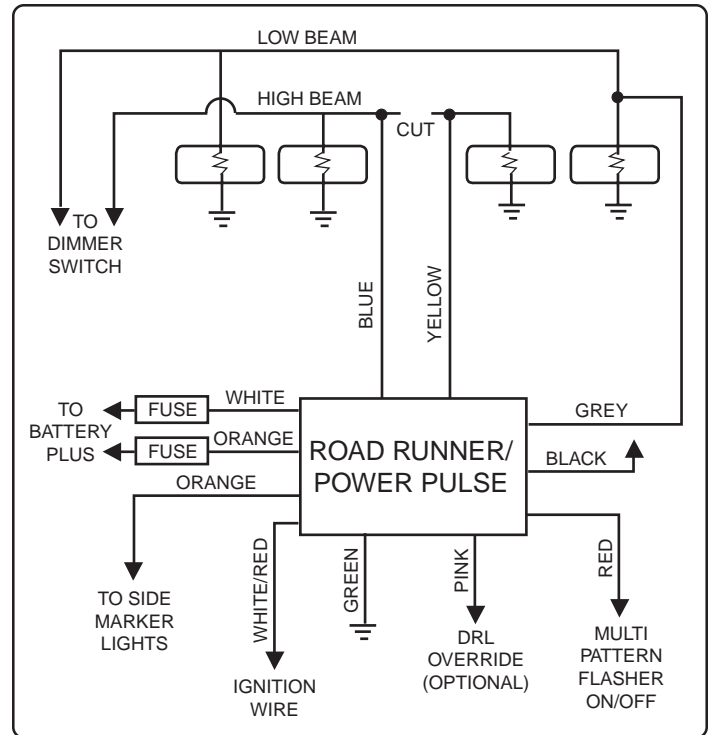
### INSTALLATION

**MOUNTING:** Mount the flasher so that the maximum amount of air will flow across it, typically in the front passenger side of the engine compartment.

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

### NOTE

ALWAYS CONNECT THE GREEN WIRE FIRST WHEN INSTALLING AND DISCONNECT LAST WHEN REMOVING.



**Wiring Diagram**

**BLUE & YELLOW WIRE:** Locate the wire that supplies power to the passenger side high beam headlights. 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 driver's side high beam flash.

### NOTE

Maximum total high beam output is 110 watts. DO NOT use with a four sealed beam headlight system.

**GRAY WIRE:** "T" or tap into the vehicle's low beam headlight wire.

**BLACK WIRE (OPTIONAL):** If an "Automatic Night Time Flasher Cutoff" is required, simply "T" or tap the black wire into the flasher's grey wire. If not required, connect to ground.

**RED WIRE:** Connect to a powered switch. Only a 1/4 amp is required to operate the flasher. When the red wire is activated, the flasher will go into a three pattern, continuously cycled mode (multi-pattern). When the red wire is NOT powered, the flasher defaults to normal alternator mode

**WHITE/RED WIRE:** "T" or tap into the vehicle's wire that becomes "hot" when the vehicle is started, and "cold" when the vehicle is turned off.

**PINK WIRE (OPTIONAL):** Connect to the "hot" side of a user supplied switch, the park brake or neutral safety switch. When the pink wire is grounded through one of the switches, the DRL function and marker lights will be deactivated.

**ORANGE WIRE:** Either orange wire "T" or tap into the vehicle's side marker light circuit hot wire.

**ORANGE WIRE (other):** connect through a 20 amp fuse directly to the positive post of the battery.

### **NOTE**

**DO NOT USE A CIRCUIT BREAKER OR FUSIBLE LINK. ATO FUSE IS RECOMMENDED.**

**WHITE WIRE:** Connect through an ATO type fuse (20 amp) to the positive post of the battery. **DO NOT USE A CIRCUIT BREAKER, FUSIBLE LINK OR SLOW BLOW TYPE FUSE.**

## **WARRANTY**

SoundOff Signal warrants the ETRRDRL, ETPPDRL and ETQSDRL Relay Driven Electronic Flasher Systems for one (1) full year from the date of purchase to the original purchaser against any manufacturer defects or workmanship. This warranty applies only to units installed according to manufacturer's installation instructions and operated within the units specifications.

SoundOff Signal's obligation under this warranty is limited to repairing or exchanging the unit.

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 by U.S. Patent #'s 4114071 & 4309639