

# SoundOff Signal

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## 100% SOLID STATE ALTERNATING ELECTRONIC FLASHER COMPATIBLE WITH DAYTIME RUNNING LIGHTS

**ROAD RUNNER S.S./Compatible (ETRSSC) - POWER PULSE S.S./Compatible (ETPPSSC)  
Q SWITCH S.S./Compatible (ETQSSC)**

Congratulations! You are now the proud owner of the most technically advanced, 100% Solid State DRL Compatible Alternating Headlight Flasher System in the market today. Add to it our never ending commitment to quality, this new Flasher System will provide you with years of dependable, trouble-free service.

### NOTE

Please refer to the 100% Solid State Non-Compatible Vehicle List before attempting installation. 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 Road Runner S.S./C, Power Pulse S.S./C or Q-Switch S.S./C will alternate the vehicle's headlights at 1.9 flashes per second for the Road Runner, 3.0 f.p.s. for the Power Pulse and will continuously cycle through three flash patterns for the Q-Switch: a double flash wig wag (alternating) at 1.9 f.p.s., a simultaneous (modulating) flash at 3.0 f.p.s., and a fast wig wag (alternating) flash at 3.0 f.p.s.

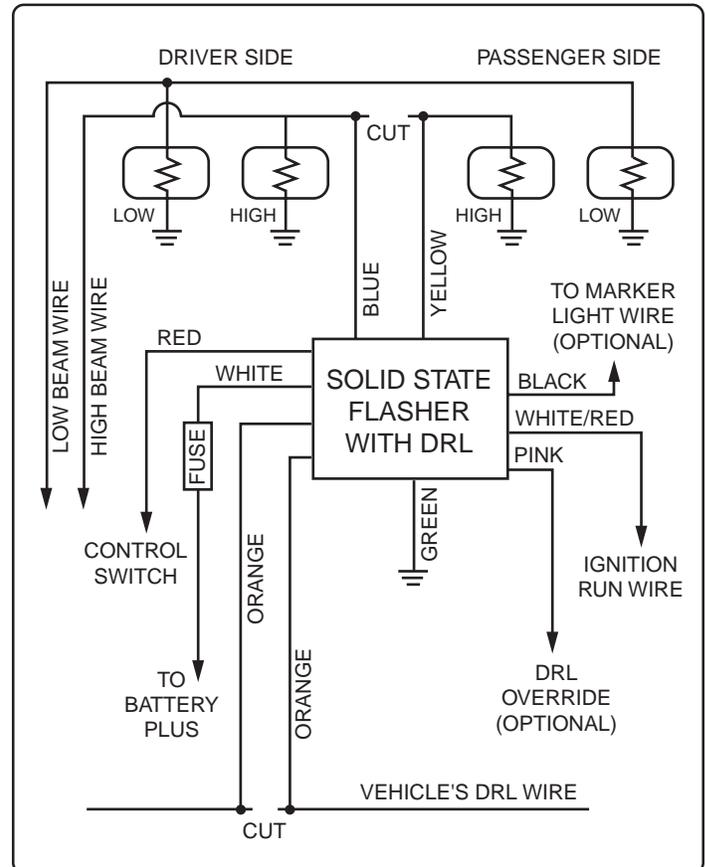
When used at night, the low beam headlights remain ON for proper illumination, while the high beam lights flash to gain attention and increase the vehicle's visibility. When the dimmer switch is activated to high beam, the Flasher System's "High Beam Override" interrupts the Flasher sequence to allow for normal high beam function. Flashing automatically resumes when the dimmer switch is deactivated. The flasher will automatically turn OFF the vehicle's DRL system when the Flasher is activated.

### 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.



**WIRING SCHEMATIC**

GREEN WIRE: Connect to a convenient, reliable ground.

### NOTE

Always connect the green wire FIRST when installing and disconnect LAST when removing.

**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 Flasher's yellow wire to the wire that returns to the passenger side high beam. Connect the blue wire to the wire that returns to the driver side high beam.

**RED WIRE:** Connect to a user-supplied single pole, single-throw switch. Connect the other side of the switch to a 12 Vdc source. This switch will only require a 1/4 amp to activate the Flasher.

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.

### NOTE

Older 4 bulb Sealed Beam Headlight Systems may require a 30 amp fuse. For any further assistance, call SoundOff Signal's Technical Support Department at 1-800-338-7337.

### NOTE

Do not connect the red and white wires together. The white wire must receive a constant source of power at all times.

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.

ORANGE WIRES: Find the DRL input or output wire. "T" or tap both orange wires into it. Cut the wire between the two orange wires and tape.

BLACK WIRE (optional): If an "Automatic Nighttime Flasher Cutoff" is required (check State and Municipal regulations), simply "T" or tap the black wire into the parking light wire. If not required, connect the black wire to ground.

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

### IMPORTANT NOTE:

High Beam Test: Turn ON High Beam switch and verify both high beams are steady ON. If only 1 high beam headlight is ON, the yellow and blue wires will need to be swapped. Swap the wires and re-test.

### 100% SOLID STATE NON-COMPATIBLE FLASHER VEHICLE LIST

Buick Skylark	1997 and newer
Chevy Blazer	1995 and newer
Chevy Cavalier	1996 and newer
Chevy CK	1999 and newer
Chevy Lumina	1998 and newer
Chevy Malibu	1997 and newer
Chevy S10	1995 and newer
Dodge Avenger	1997 and newer
Dodge Dakota	1999 and 2000
Dodge Durango	1999 and 2000
Dodge Ram	1999 and newer
Most Japanese vehicles	
Oldsmobile Achieva	1997 and newer
Pontiac Bonneville	1998 and newer
Pontiac Grand Am	1997 and newer
Pontiac Sunbird	1996 and newer
Saturn	ALL
Tahao/Suburban	2000 and newer
Taurus / Sable	2000 and newer

### WARRANTY

SoundOff Signal warranties the 100% SOLID STATE ALTERNATING ELECTRONIC FLASHER COMPATIBLE WITH DAYTIME RUNNING LIGHTS (ETRRSSC, ETPPSSC and ETQSSSC) for five (5) years from the date of purchase to the original purchaser against any manufactured defects or workmanship. This warranty is a 100% replacement value warranty. It 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 by U.S. Patent #'s 4114071 & 4309639