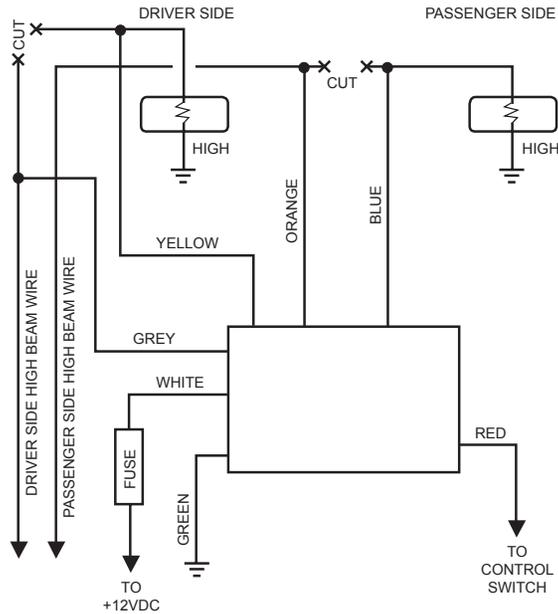


Solid State Headlight Flasher

(ETHFSS-NYPD-75)

WARNING:

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 Service Department at 1-800-338-7337.



Please see reverse for Technical Specifications

WARNING

- HIGH CURRENT interconnects must be properly terminated. Poor crimp quality can cause heat build-up and fire. Follow crimp connector manufacturer instructions.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to vehicle Owner's Manual for deployment zones.
- Do NOT use system to disconnect headlights, brake lights or other safety equipment.
- Unit may become hot to touch during normal operation.
- Failure to properly install connectors, fuses or wiring may cause vehicle failure or fire.
- Installation must only be performed by trained technician. Installer must determine vehicle wiring configuration and proper integration of system.
- Use proper wire gauge. All power wires connecting to positive (+) or negative (-) battery terminal or local chassis ground (-) must be sized to supply at least 125% of max. current and properly fused at power source.
- Install protective grommets when routing wire through firewall or metal.

Installers and users must comply with all applicable federal, state and local laws regarding use and installation of warning devices.

Improper use or installation may void warranty coverage. To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product, visit our website at www.soundoffsignal.com/sales-support. If you have questions regarding this product, contact **Technical Services**, Monday - Friday, 8 a.m. to 5 p.m. or after hours 5 p.m. to 8 p.m. EST at 1.800.338.7337 (press #4 to skip the automated message). Questions or comments that do not require immediate attention may be emailed to techservices@soundoffsignal.com.

SoundOff
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1.800.338.7337 / www.soundoffsignal.com

SUPERIOR CUSTOMER RELATIONSHIPS. SMARTLY DESIGNED LIGHTING & ELECTRONIC SOLUTIONS.

ETHFSS-NYPD-75 5.15

NOTICE:

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

The Flasher System will operate a 2 or 4 headlight system on any vehicle with a +10-16 Vdc positive side switched headlight systems.

NOTE:

When used in dark conditions, the low beam headlights need to be ON for proper illumination, while the highbeam headlights will flash to gain attention and increase the vehicle's visibility.

When the high beam switch is activated, the Flasher system's High Beam Over-Ride (HBOR) is activated and will interrupt the flashing sequence to allow normal high beam function. The HBOR function is automatically disabled with the high beam switch is deactivated allowing the headlight flasher to resume operation.

NOTE:

Flashing Headlights and Taillight Systems are intended for approved vehicles only. The user of this system is responsible to ensure compliance to any Federal, State, or Municipal regulations, which may apply.

NOTICE:

MOUNTING:

The enclosed headlight flasher has been designed to be water resistant. However, to ensure years of trouble free operation of the flasher system, it should be mounted in a location that is protected from direct water spray and high temperatures.

GREEN WIRE:

Connect to reliable ground, preferably close to ground post of battery

BLUE WIRE: Locate the wire that supplies power to the passenger side high beam. Cut the wire and connect the flashers blue wire to the cut wire end that goes back to the high beam headlight.

ORANGE WIRE: Connect the flashers orange wire to the cut wire end that goes back to the vehicles lighting control module (supply).

YELLOW WIRE: Locate the wire that supplies power to the driver side high beam. Cut the wire and connect the flashers yellow wire to the cut wire end that goes back to the high beam headlight.

GREY WIRE: Connect the flashers grey wire to the cut wire end that goes back to the vehicles lighting control module (supply).

WHITE WIRE: Connect to a +10-16Vdc power source capable of providing 15 Amps.

WARNING:

DO NOT USE A CIRCUIT BREAKER, FUSIBLE LINK, OR SLOW BLOW TYPE FUSE

RED WIRE:

Connect to a powered switch through a user supplied 1 amp fuse.

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Final System Check:

1. Verify Headlight Flasher properly flashes headlights when Flash Enable switch is turned ON.
2. With Flash Enable Switch ON, turn High beam switch ON and verify both high beam headlights turn ON steady.

Troubleshooting:

Symptom:	Solution:
No Operation	Verify fuse is not open. Verify voltage of 10-16Vdc is present on Red wire
Interference with Radio equipment	Verify power and ground wires are not connected to same circuit as radio equipment. Connect ground wire as close to ground terminal of battery as practical
Headlights turn ON for short time then OFF for a couple of seconds and repeats	Over-current shutdown of the flasher has detected too much load on the flasher. Verify a maximum of 2-55 Watt lamps are connected to each output

ELECTRICAL SPECIFICATIONS	
Input Voltage	10-16Vdc
Output Current:	9.5 Amps / output
Standby Current:	< 10mA
Number of Flash Patterns:	1

Flash Patterns	
Flash Pattern Sequence	FPM (Flashes per Minute)
1.Single Flash	75

