

Chevrolet Police Plug-in

Caprice Headlight Flasher, 2011 & Newer #ETHFSS-CP

- Easy installation w/ plug-in connectors for police package models
- Single flash pattern, PowerPulse™
- Mounting bracket designed for easier installation in tight spaces
- Features High Beam Override to disengage flasher for normal high beam function
- Built-in Shutdown Protection against loss of ground & under voltage
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wire for power, ground & control
59" (150 cm) for outputs

Chevrolet Police Plug-in, Solid State

Impala Headlight Flasher, 2006 & Newer #ETHIMP0-06+

- Easy installation w/ plug-in connectors for police package models
- Single flash pattern, PowerPulse™
- Mounting bracket designed for easier installation in tight spaces
- Features High Beam Override to disengage flasher for normal high beam function
- Built-in Shutdown Protection against loss of ground & under voltage
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance

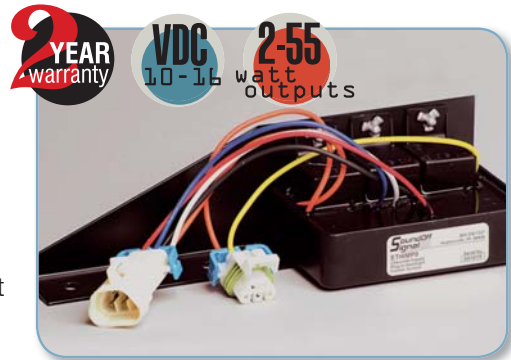


4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
8" (20 cm) wires

Chevrolet Police Plug-in, Relay

Impala Headlight Flasher, 2000 to 2005 #ETHIMP0

- Easy installation w/ plug-in connectors for police package models
- Single flash pattern, PowerPulse™
- Bracket holes line up with mounting bolts under vehicle's hood
- Durable & non-corrosive ABS plastic housing w/ metal powder coated bracket



8.875" (23 cm) L x 3" (76 mm) H x 2.4" (61 mm) D
Mounts on 2.6" (66 mm) centers
7" (18 cm) wires

Vehicle Compatibility Chart: www.soundoffsignal.com, click on the "Technical Services" tab. Many other Flashers available, see Price Guide or web for more details.

Chevrolet Police Plug-in, Solid State

Tahoe Headlight Flasher, 2007 & Newer #ETHTAH0-07+

- Easy installation w/ plug-in connectors for police package models
- Single flash pattern, PowerPulse™
- Features High Beam Override
- Built-in Shutdown Protection against loss of ground, short circuit, under voltage, brown out & transient protection
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
8" (20 cm) wires

Flash Pattern Descriptions on page 73

Ford Police Plug-in, Solid State

Crown Victoria Headlight Flasher 2006 & Newer #ETHFSS-CV

- Easy installation w/ plug-in connectors for police package models
- Select-A-Pattern Technology w/ 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM, Q-Switch™, Cycle Flash, Single Flash or Double Flash
- Features High Beam Override & Nighttime Cutoff
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wire for power, ground & control
59" (150 cm) for outputs

Ford Police Plug-in, Solid State

Crown Victoria Headlight Flasher 2006 & Newer

25" wire leads: #ETHIFPØ-Ø6+
48" wire leads: #ETHIFPØ-48-Ø6+

- Easy installation w/ plug-in connectors for police package models
- 3 user selectable Flash Patterns: PowerPulse™, RoadRunner™ or Q-Switch™
- Built-in Shutdown Protection against: short circuit, loss of ground, over temperature & reverse polarity
- Protected with 10 amp in-line mini fuse
- Features High Beam Override to disengage flasher for normal high beam function
- 100% Solid State, potted design for long-lasting, reliable performance



2.25" (57 mm) W x 1.82" (46 mm) H x 0.7" (18 mm) D
Mounts on 1.8" (46 mm) centers
25" (64 cm) wires

Ford Police Plug-in, Relay or Solid State

Crown Victoria Headlight Flasher 2006 & Newer DRL Compatible

Solid State: #ETHIFPSC-Ø6+ (5 Year Warranty)
Relay: #ETHIFPØC-Ø6+ (1 Year Warranty)

- Easy installation w/ plug-in connectors for police package models
- 3 user selectable Flash Patterns: PowerPulse™, RoadRunner™ or Q-Switch™
- Designed for Canadian Crown Vics with factory integrated daytime running lights (DRLs)
- Flasher automatically deactivates DRLs when flasher is activated
- Features High Beam Override
- When used at night low beams remain on while high beams flash



4.9" (12 cm) L x 3.5" (89 mm) H x 1.2" (31 mm) D
Mounts on 3" (76 mm) centers
8" (20 cm) wires

Ford Police Plug-in, Solid State

Crown Victoria Headlight Flasher, 2003 to 2005

25" wire leads: #ETHIFPØ
48" wire leads: #ETHIFPØ-48

- Easy installation w/ plug-in connectors for police package models
- 3 user selectable Flash Patterns: PowerPulse™, RoadRunner™ or Q-Switch™
- Features High Beam Override & Nighttime Cutoff
- Built-in Shutdown Protection against loss of ground, short circuit, under voltage, brown out & transient protection
- 100% Solid State, potted design for long-lasting, reliable performance



2.25" (57 mm) L x 1.8" (46 mm) H x 0.7" (18 mm) D
Mounts on 1.8" (46 mm) centers
25" (64 cm) or 48" (122 cm) wires

Turn Signal/Hazard Flasher, Solid State

#ETTS00-P

- 100% Solid State, potted design for long-lasting, reliable performance
- For use with 12 Vdc ground side switched vehicles
- Flashes @ constant 1.5 f.p.s. (flashes per second) rate
- Can be installed to function as a Turn Signal flasher or as a Hazard light flasher
- Maximum of 8 - 32 watt lights (per side)



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Taillight Flasher, Solid State

Flashback™ Alternating: #ETFBSSN-P
with AMP Connector: #ETFBSAN-P
with Fleet Harness: #ETFBSANFL



- 12 wire module with isolating diodes for the reverse wire that is required for many new cars & trucks
- For use with vehicles that have the negative post of the battery connected to the chassis of the vehicle
- Provides an additional output for deck lights
- Alternating red & white light creates an effective rear warning signal to greatly reduce rear end collisions
- 100% Solid State, potted design for long-lasting, reliable performance



4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wires

Taillight Flasher, Relay

Flashback™ Alternating: #ETFB00-P
with Amp Connector & Fleet Harness: #ETFBFLEE

- Flashes taillights @ 2.4 f.p.s.
- Alternately flashes the brake lights and the reverse lights at 2.4 f.p.s.
- Built-in diodes provide isolation protection for the vehicle's electrical system



3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Flash Patterns

Cycle Flash: Multi-pattern cycles through three double alternating & 2-simultaneous patterns.

Double Flash: Fast double flash alternating @ 3.0 f.p.s.

ETM™: Fast simultaneous flash @ 3.6 f.p.s.

Flashback™: Alternates lower brake lights against reverse lights @ 2.6 f.p.s.

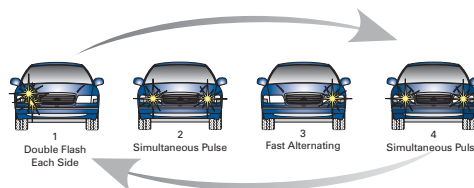
PowerPulse™: Fast alternating pattern @ 3.0 f.p.s.

RoadRunner™: Slow alternating pattern @ 1.9 f.p.s.

Single Flash: Slow alternating flash pattern at 55 f.p.m.

Q-Switch™: Cycles through 3 flash patterns:
Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating @ 1.9 to 3.0 f.p.s.,
pattern repeats every 5.4 seconds

Q-Switch™ Flash Pattern



Vehicle Compatibility Chart @ www.soundoffsignal.com, search for "Compatibility Chart".
Many other Flasher models available, see Price Guide or website for more products & information.

SELECT-A-PATTERN TECHNOLOGY

Headlight Flasher, Solid State

Select-A-Pattern™ Technology

18" wire leads	#ETHFSS-SP
Weather Seal Connector	#ETHFSS-SPWS
18" wire leads, Single Pattern	#ETHFSS-CHP
AMP Connector	#ETHFSS-SPA
Heavy Duty model (14 amp).....	#ETHDSS-SP
Amp Connector & Harness (14 amp).....	#ETHFSS-SPFL
Heavy Duty w/ AMP Connector (14 amp)	#ETHDSS-SPA
Heavy Duty w/ AMP Connector & Harness (14 amp)	#ETHDSS-SPFL
DRL compatible model (12v).....	#ETHFSS-SP-CMP
Isolation model (12v).....	#ETHFSS-SP-ISO

- Ideal flasher for most "big 3" car models - designed for 2 to 4 headlight positive side switched headlight systems
- Great for motorcycles with positive side switched headlight systems
- Select-a-Pattern Technology w/ 7 user selectable flash patterns: PowerPulse™, RoadRunner™, ETM, Cycle Flash, Q-Switch, Single Flash or Double Flash Alternating
- Built-in shutdown features include protection against: short circuit, over current, over voltage, under voltage, over temperature & reverse polarity
- Durable & non-corrosive ABS plastic housing
- 100% Solid State, potted design for long-lasting, reliable performance



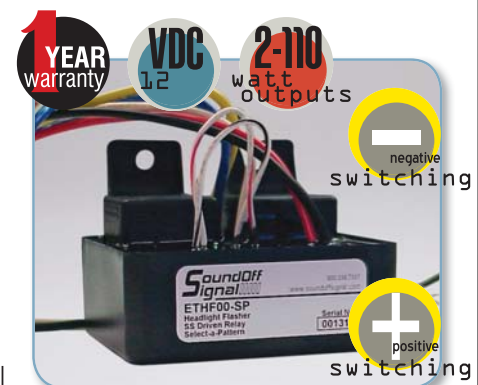
4.7" (12 cm) L x 2" (51 mm) H x 0.7" (18 mm) D
Mounts on 4" (10 cm) centers
18" (46 cm) wires

SELECT-A-PATTERN TECHNOLOGY

Headlight Flasher, Relay

Select-A-Pattern™ Technology #ETHF00-SP

- Operates a 2 or 4 headlight system on positive or ground side switched vehicles
- 3 user selectable Flash Patterns: RoadRunner™, PowerPulse™ & Double
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated

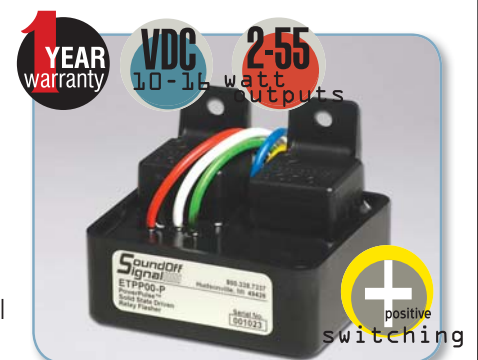


3.2" (81 mm) L x 2.2" (56 mm) H x 2.8" (71 mm) W
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Headlight Flasher, Relay #ETRR00-P

with Amp Connector & Fleet Mating Harness: RoadRunner flash pattern #ETRRFLEE, Q-Switch flash pattern #ETQSFLEE

- Installs into 2 or 4 headlight positive side switched systems
- When used at night, the low beam headlights remain ON for proper illumination while the high beams flash
- Built-in high beam override interrupts the flasher sequence to allow normal high beam function & flasher automatically resumes when the dimmer switch is deactivated



3.2" (8 cm) L x 2.8" (71 mm) W x 2.2" (56 mm) D
Mounts on 1.4" (36 mm) centers
16" (41 cm) wires

Flash Pattern Descriptions on page 73

Deck/Grille Light Flasher, Solid State

**For Halogen, Strobe or LED Lights
#ETDGSS-P**

- Works with ground or positive side vehicles
- Alternates auxiliary deck/grille lights @ 2.4 f.p.s.
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- May also be used for a pair of halogen or LED deck/grille lights
- 100% Solid State flasher

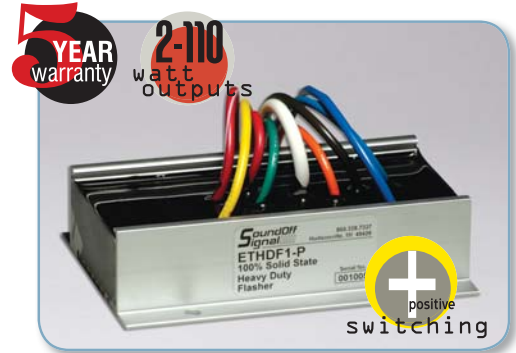


2" (51 mm) L x 3.5" (89 mm) W x 1.2" (30 mm) D
Mounts on 3" (76 mm) centers
16" (41 cm) wires

Heavy Duty Flasher, Solid State

**Positive Side Switched, Alternating
#ETHDF1-P**

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Heavy Duty" at 100 watts (8 amps) per output
- Great for railroad, wrecker and emergency vehicles



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H
Mounts on 3" (8 cm) centers
8" (20 cm) wires

15 Amp Extra Duty Flasher, Solid State

Positive Side Switched #ETAF15-P

- Installs into positive side switched headlight systems
- RoadRunner™ flash pattern (slow alternating @ 1.9 f.p.s.)
- Rated "Extra Duty" at 190 watts (15 amps) per output
- 2 - 190 watt outputs



5" (13 cm) L x 3.5" (89 mm) W x 1.2" (31 mm) H
Mounts on 3" (8 cm) centers
8" (20 cm) wires

Alt Alert, Solid State #EAA000-P

with Deutsch Connector: #EAA000-P2

- Designed to warn the vehicle operator if the electrical systems voltage range is out of its safe operating range; if the vehicle's voltage fall below 11.80 volts for more than 7 seconds or if it exceeds 15.50 volts, Alt Alert will show an indicator light or a warning buzz
- Automatic Reset - resumes monitoring when electrical system returns to normal operating range
- 60 cycle pulse rated @ 1 amp max



3" (76 mm) L x 1.5" (38 mm) W x 1" (25 mm) H
Mounts on 4" (10 cm) centers
8" (20 cm) wires

LED Light Flashers

For use with LED Lights only:

- #ETFFCØ2LED 2 Output w/ 8 Flash Patterns
- #ETFFCØ6LED 6 Output w/ 8 Flash Patterns
- #ETFFC12LED 12 Output w/ 9 Flash Patterns



- Synchronizes all LED warning lights - overrides all SoundOff Signal LED warning lights to take over pattern control
- 2 & 6 Output LED Flashers offer 8 user selectable flash patterns: Double, PowerPulse™, Quint, ETM™, Q-Switch™, WarpFlash™, Inter-Cycle™ & Quad
- 12 Output LED Flasher offers 9 user selectable flash patterns: Double, PowerPulse™, Quad, ETM™, RoadRunner™, Quint, Inter-Cycle™, Q-Switch™, WarpFlash™
- For use with LED lights only

2 Output



3.2" (81 mm) L x 0.8" (20 mm) W
x 0.8" (20 mm) D
Mounts on 2.8" (71 mm) centers
12" (31 cm) wires

6 Output



5.5" (14 cm) L x 3.3" (84 mm) W
x 1" (25 mm) D
Mounts on 5" (13 cm) centers

12 Output



6" (15 cm) L x 3.4" (86 mm) W
x 1" (25 mm) D
Mounts on 5.5" (14 cm) centers
12" (30 cm) wires

LED Flash Pattern Descriptions on page 77

LED Strobe Pulse Module

#ETLEDFC1 (for use with LED Lights only)

- Converts non self-contained LED warning lights into a "Strobe Pulse" flash effect
- Flashes any 12 volt LED light up to 3 amps
- For use with LED lights only

3" (76 mm) W x 1" (25 mm) H x 1.5" (38 mm) D
Mounts on 2.5" (64 mm) centers
16" (41 cm) wires



LED Load Module

#ECVLMDLØ1 (for use with LED lights only)

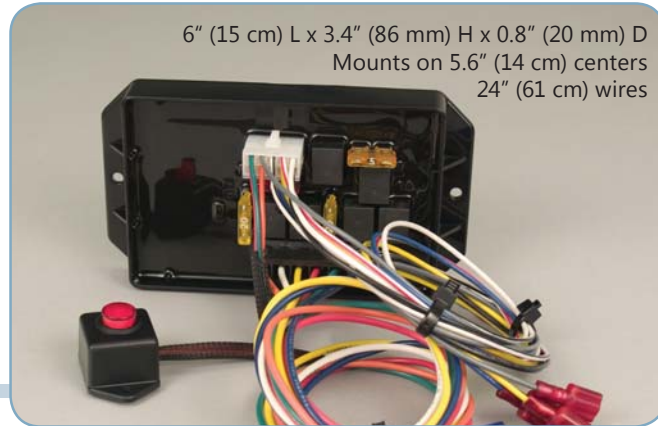
- Solution for erratic flash patterns
- Adds 10 watt load across LED lamps restoring flash rate of mechanical, turn signal & hazard flashers
- For use with LED lights only

3" (76 mm) W x 2.43" (62 mm) H x 0.75" (19 mm) D
Mounts on 2.4" (61 mm) centers
5.5" (14 cm) wires



Ignition Security System (I.S.S.) *Standard Model #ETISSO-07+*

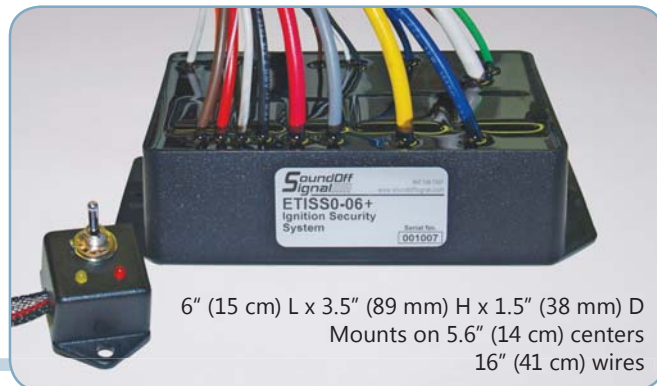
- Easier to install & designed to be compatible with many different vehicles
- Quick installation by use of quick connect "T-tap" connectors
- Connectors allow for quick replacement/removal of I.S.S.
- Allows the vehicle to stay running when the key is removed from the ignition switch
- Brake pedal & shift lever movement disables the I.S.S. & stops the engine (and sounds horn if connected)
- Drive simply deactivates by turning the key to the Run position & depressing brake
- Automatic low voltage detection will activate the horn to provide notification of vehicle problems
- Additional universal output provides Normally open or Normally closed contact for Starter Disable, Gun Lock Disable, Camera Record, etc.
- Mounts behind the dash & within the wire length of the steering column
- Optional horn or siren alarm
- Includes illuminated remote switch



6" (15 cm) L x 3.4" (86 mm) H x 0.8" (20 mm) D
Mounts on 5.6" (14 cm) centers
24" (61 cm) wires

Ignition Security System (I.S.S.) *Heavy Duty Model #ETISSO-06+*

- Designed to be compatible with many different types of vehicles including police package vehicles, trucks & buses
- For older heavy duty vehicles that require higher current draw through the ignition switch
- Allows the vehicle to stay running when the key is removed from the ignition switch
- Brake pedal and shift lever movement disables the I.S.S. & stops the engine (and sounds horn if connected)
- Driver simply deactivates by turning the key to the Run position and depressing brake
- Additional relay output provides normally open or normally closed contact for Starter Disable, Gun Lock Disable, Camera Record, etc.
- Mounts behind the dash and within the wire length of the steering column
- Optional horn or siren alarm



6" (15 cm) L x 3.5" (89 mm) H x 1.5" (38 mm) D
Mounts on 5.6" (14 cm) centers
16" (41 cm) wires

LED Flasher Flash Patterns

- ETM™** Fast Simultaneous flash pattern @ 3.6 f.p.s.
- Inter-Cycle™** Cycles continuously through 2 - Quint™ patterns & 4 - WarpFlash™ patterns
- PowerPulse™** Alternating (wig wag) flash pattern @ 3.0 f.p.s.
- Quad** Four consecutive flashes @ 235 f.p.m.
- Quint** Five consecutive flashes @ 140 f.p.m.
- Q-Switch™** Cycles through 3 flash patterns: Double Flash Alternating, Fast Simultaneous Pulse & Fast Alternating @ 1.9 to 3.0 f.p.s. - pattern repeats every 5.4 seconds
- WarpFlash™** Alternating (wig wag) flash pattern @ 700 f.p.m.