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## STATE OF MICHIGAN ALTERNATE 5 ALTERNATE 5 (EAFIVE-M)

### CAUTION

Some vehicle manufacturers may not allow the use of this product on vehicles they manufacture. Please consult your operator's manual prior to installation. Also, make sure you fully read and understand all instructions before attempting to install the Flashback Flasher.

The SoundOff Signal Solid State Alternate 5 utilizes the existing brake lights on any vehicle with a 12 Vdc negative ground system. A properly installed Solid State Alt. 5 will alternate the brake lights at a constant rate of 1.5 flashes per second.

### INSTALLATION

#### NOTE

If the ETFBCNV44 Wire Converter is to be used with this flasher, read the ETFBCNV4 instructions first.

**MOUNTING:** Mount in the vehicle's trunk near the brake lights.

**CONNECTIONS:** Use 18 gauge wire on all extensions except the white wire where 16 gauge wire is recommended.

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

**WHITE WIRE:** Connect to +12V through 10 Amp Fuse.  
**DO NOT USE CIRCUIT BREAKER OR FUSIBLE LINK!**

**BROWN WIRE:** Connect to a switch that provides +12V when ON. Requires less than 0.1Amps.

### BLUE and ORANGE WIRES:

1. Locate and cut the wire that feeds power to the left turn signal / brake light.
2. Connect the Blue wire to the lead that goes back to the left turn signal / brake light (4 Amp Maximum).
3. Connect the Orange wire to the remaining lead that goes to the front of the vehicle.

### YELLOW and PINK WIRES:

1. Locate and cut the wire that feeds power to the right turn signal / brake light.
2. Connect the Yellow wire to the lead that goes back to the right turn signal / brake light (4 Amp Maximum).
3. Connect the Pink wire to the remaining lead that goes to the front of the vehicle.

### RED WIRE:

1. Connect to any auxiliary lighting that needs to flash in sync with the left turn signal / brake light (4 Amp Maximum).

### RED/BLACK WIRE:

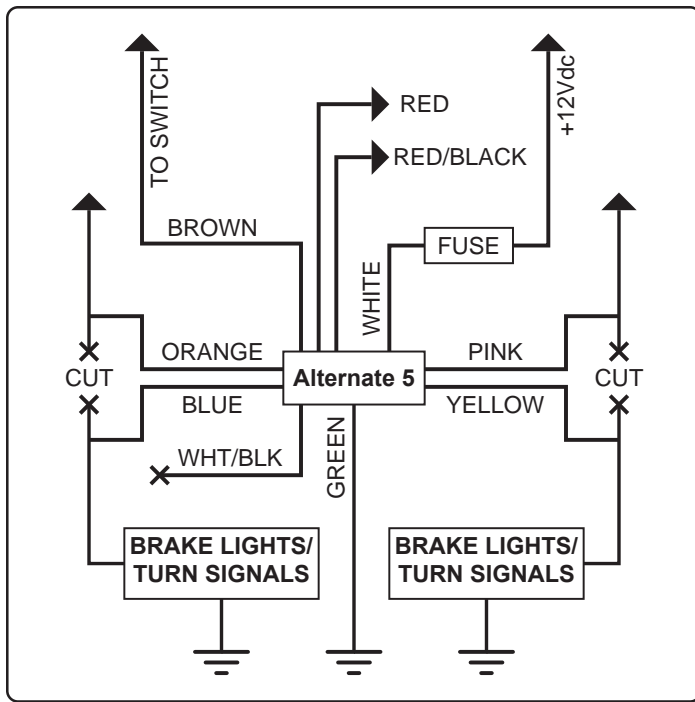
1. Connect to any auxiliary lighting that needs to flash in sync with the right turn signal / brake light (4 Amp Maximum).

### WHITE/BLACK WIRE:

1. UNUSED – DO NOT CONNECT.

### WARNING

DO NOT connect the Alternate 5 Tail light Flasher to the High-Mounted-Stop-Lamp (i.e. "Cyclops", "Center Light", "CHMSL"). Flashing the High-Mounted-Stop-Lamp violates Federal Motor Vehicle Safety Standard (FMVSS) No. 108 which requires the High-Mounted-Stop-Lamp only illuminate when applying the brakes.



**WIRING DIAGRAM**

## IMPORTANT

If your vehicle has a Shift Interlock, RUN this test:

1. Set emergency / parking brake and start vehicle.
2. With Flasher OFF, attempt to shift transmission out of PARK without depressing the brake. **Transmission must NOT shift.** If the vehicle shifts from PARK, disconnect the flasher, restore the vehicle wiring and contact SoundOff Signal's Technical Department for further instructions.
3. With Flasher ON, attempt to shift transmission out of PARK without depressing the brake. **Transmission must NOT shift.** If the vehicle shifts from PARK, disconnect the flasher, restore the vehicle wiring and contact SoundOff Signal's Technical Department for further instructions.
4. Periodically have the operator of the vehicle repeat the above test to ensure proper operation of the vehicle safety systems.

## WARRANTY

SoundOff Signal warrants the Alternate 5 Solid State Electronic Flasher Systems for two (2) years 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.