

# Installation Guide for Model 700 Flasher

Code 3, Inc., a subsidiary of  
Public Safety Equipment, Inc.



## General Description:

The Code 3® Model 700 Alternating Flasher uses an electronic timing circuit to control two specially designed flasher relays. The unit is totally weather resistant and may be mounted anywhere on the vehicle away from heat sources, using either the mounting tabs at each end or the mounting hole through the device. Outputs 1 and 2 are capable of handling up to 100 watts (8 amps.) each. The model 700 flasher can be used as a Headlight Flasher on non daytime running lights, hot side switched vehicles, or as a lightbar flasher.

## Terminal Functions:

**Terminal A - Output 1: 100 watts (8 amps.) maximum load.**

**Terminal B - Output 2: 100 watts (8 amps.) maximum load.**

**Terminal C - Flasher On: Activated by +12VDC.**

Applying +12VDC to this terminal through a user supplied switch activates the alternating flash of loads 1 and 2.

**Terminal D - Input: To Battery Positive.**

Supplies +12VDC to outputs 1 and 2. A user supplied fuse should be installed to protect the outputs. Use at least 14AWG wire and 20 amp fuse.

**Terminal E - To Battery Negative.**

Provides ground for the unit.

**Terminal F - Steady burn: Activated by +12VDC**

Applying +12VDC through a user supplied switch turns both outputs on simultaneously. When removed, the unit will function normally. This feature will override all other functions.

**Terminal G - Pause: Activated by +12VDC.**

Applying +12VDC through a user supplied switch turns both outputs off simultaneously. When removed, the unit will function normally.

## Operation as a Headlight Flasher (12v Operation Only):

To operate the Model 700 as a headlight flasher, follow the wiring instructions of Diagram 1.

To operate, apply +12VDC to terminal C through a user supplied switch. This will start the alternating flash.

Now, turn on the vehicle's low beam headlights. The low beam lights should burn steadily. Now, activate the highbeam switch. High beam lights should now be on. If you do not get these results, recheck all connections listed above.

If you wish the high beams to continue to flash while the low beams are on, do not connect Terminal G.

See Diagram 1 for additional help.

## Operation as a Light Bar Flasher:

To operate the Model 700 as a light bar flasher, jumper Terminal C to Terminal D and connect these to +12VDC in the bar. Connect one bulb to be flashed to Terminal A and the other bulb to be flashed to Terminal B. Connect Terminal E to the frame of the light bar to provide ground.

The remaining terminals may be used for special functions when switched to +12VDC. Terminal G will "pause" or turn off the lamps until power is removed. Terminal F will steady burn the bulbs for use as take down or work lights until power is removed. See the wiring diagram on the bottom of the unit for further assistance.

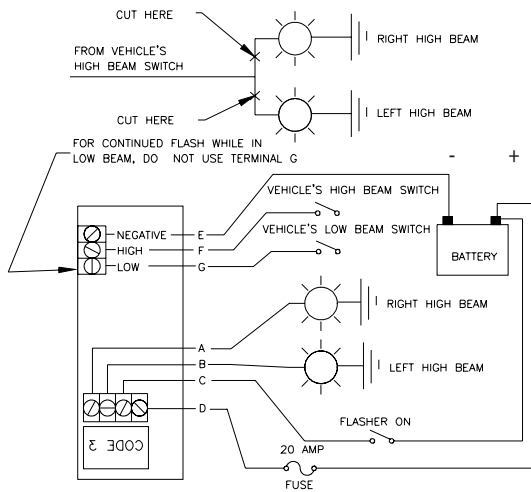


DIAGRAM 1: WIRING DIAGRAM FOR HEAD LIGHT FLASHER INSTALLATION

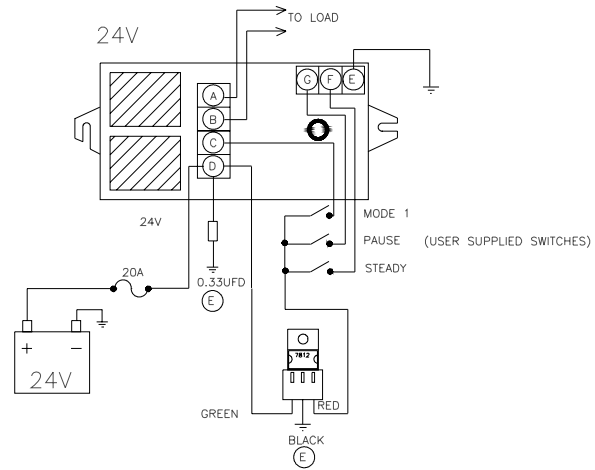


DIAGRAM 2: 24v OPERATION

# WARRANTY

This product was tested and found to be operational at the time of manufacture. Provided this product is installed and operated in accordance with the manufacturer's recommendations Code 3, Inc. guarantees all parts and components except the lamps for a period of 1 year from the date of purchase or delivery, whichever is later. Units demonstrated to be defective within the warranty period will be repaired or replaced at the factory service center at no cost.

Use of a lamp or other electrical load of a wattage higher than installed or recommended by the factory, or use of inappropriate or inadequate wiring or circuit protection causes this warranty to become void. Failure or destruction of the product resulting from abuse or unusual use and/or accidents is not covered by this warranty.

Code 3, Inc. shall in no way be liable for other damages including consequential, indirect or special damages whether loss is due to negligence or breach of warranty.

**CODE 3, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING, WITHOUT LIMITATION, WARRANTIES OF FITNESS OR MERCHANTABILITY, WITH RESPECT TO THIS PRODUCT.**

# PRODUCT RETURNS

In order to provide you with faster service, if you are going to return a product for repair or replacement\*, please contact our factory to obtain a Return Goods Authorization Number (RGA number) before you ship the product to Code 3. Write the RGA number clearly on the package near the mailing label. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit.

\*Code 3 reserves the right to repair or replace product at its discretion and assumes no responsibility or liability for

**PROBLEMS OR QUESTIONS? CALL OUR TECHNICAL ASSISTANCE HOTLINE (314)996-2800**

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