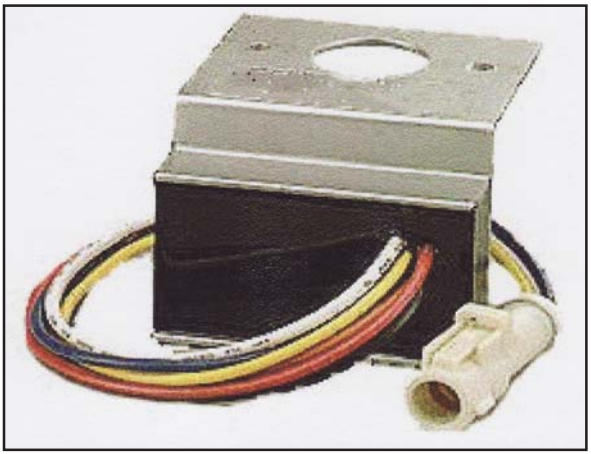
INSTALLATION MANUAL



900 Headlight Flasher for 03-05 Ford Crown Victoria Police Interceptor

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

CODE 3® INC.
PUBLIC SAFETY EQUIPMENT, INC.

900 Series Plug In Flasher

IMPORTANT: ***Read all instructions and warnings before installing and using.***

INSTALLER: ***This manual must be delivered to the end user of this equipment.***

WARNING!

Larger wires and tight connections will provide longer service life for components. For high current wires it is highly recommended that terminal blocks or soldered connections be used with shrink tubing to protect the connections. Do not use insulation displacement connectors (e.g. 3M®) Scotchlock type connectors. Route wiring using grommets and sealant when passing through compartment walls. Minimize the number of splices to reduce voltage drop. High ambient temperatures (e.g. underhood) will significantly reduce the current carrying capacity of wires, fuses, and circuit breakers. Use "SXL" type wire in engine compartment. All wiring should conform to the minimum wire size and other recommendations of the manufacturer and be protected from moving parts and hot surfaces. Looms, grommets, cable ties, and similiar installation hardware should be used to anchor and protect all wiring.

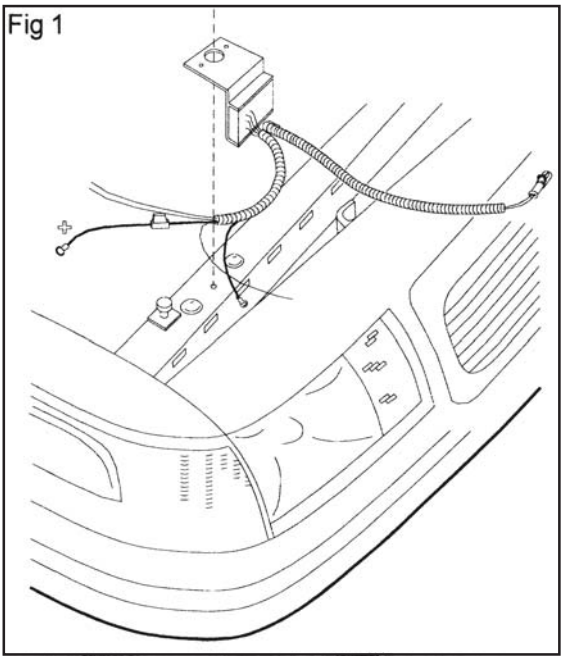
Fuses or circuit breakers should be located as close to the power takeoff points as possible ad properly sized to protect the wiring and devices. Particular attention should be paid to the location and method of making electrical connections and splices to protect these points from corrosion and loss of conductivity. Ground (Earth) termination should only be made to substantioal chassis components, preferably directly to the vehicle battery. The user should install a circuit breaker sized to approximately 125% of the anticipated maximum current requirements to protect against short circuits. For example, a 30 Amp circuit breaker should carry a maximum of 24 amps.

DO NOT USE 1/4" DIAMETER GLASS FUSES AS THEY ARE NOT SUITABLE FOR CONTINUOUS DUTY IN SIZES ABOVE 15 AMPS.

Circuit breakers are very sensitive to high temperatures and will "false trip" when mounted in hot environments or operated close to their capacity.

Installation:

Remove the radiator shroud by removeing the plastic retaining screws. Using a clean shop towel wipe off any dust or dirt that may be on the radiator core support in the designated mounting location (see Fig 1). Remove the backing from the mounting tape on the flasher and press the flasher firmly into place. Two additional holes are provided in the flasher's mounting flange for user supplied mounting screws if desired.



Locate the Ford headlight flasher connector in front of the radiator and remove the jumper plug. Carefully route the flasher's two wire cable with the mating connector to the front of the radiator and plug it into the ford connector.

Route the remaining wires as necessary to ensure that they will not be damaged during operation of the vehicle and that they do not interfere with the operation of the vehicel. Connect the wires as follows:

Black - Connect to battery negative (vehicle ground)
Red - Connect to +12V battery power
Brown - Connect to the vehicles low beam headlight wiring if Night Cancel of the headlight flasher function is desired. Otherwise, cut off the exposed end of the wire and tape with electrical

The orange wire and the white wire are used to enable the desired headlight flash function. Route these wires to the output of your light control. The table below shows the function of each wire.

Flasher Mode	Orange WIre	White Wire
OFF	0	0
160 fpm	0	+10-16 Volts
114 fpm	+10-16 Volts	0
Variable 114-180 fpm	+10-16 Volts	+10-16 Volts

WARRANTY

Code 3, Inc.'s L.E.D. emergency devices are tested and found to be operational at the time of manufacture. Provided they are installed and operated in accordance with manufacturer's recommendations, Code 3, Inc. guarantees all parts and components to a period of 5 years (unless otherwise expressed) 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 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

If a product must be returned 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, Inc. 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, Inc. reserves the right to repair or replace at its discretion. Code 3, Inc. assumes no responsibility or liability for expenses incurred for the removal and /or reinstallation of products requiring service and/or repair.; nor for the packaging, handling, and shipping: nor for the handling of products return to sender after the service has been rendered.

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

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