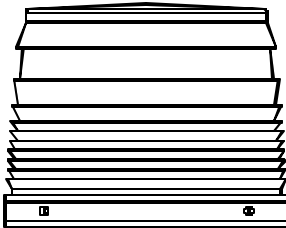
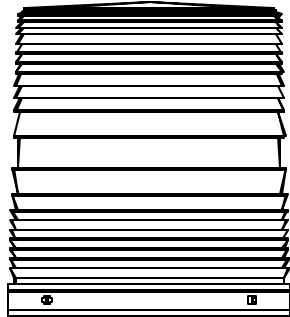


# INSTALLATION INSTRUCTIONS

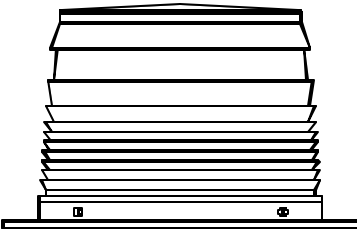
## 242 SERIES



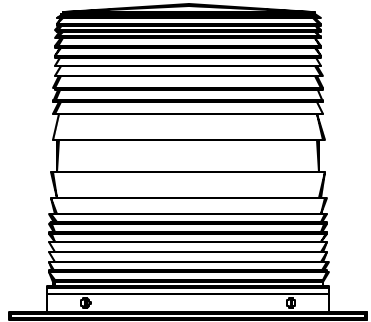
242SL SERIES



242CL SERIES



242SFL SERIES



242CFL SERIES



PROUDLY MADE IN THE USA  
An ISO 9001:2008 Certified Company

# Star Headlight & Lantern Co., Inc.

455 Rochester Street Avon, NY 14414

Phone: 585-226-9787 FAX: 888-478-2797

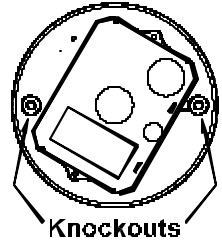


[www.starheadlight.com](http://www.starheadlight.com)

# PERMANENT MOUNT INSTALLATION INSTRUCTIONS

**IMPORTANT:** Please read all of the following instructions before installing your new light.

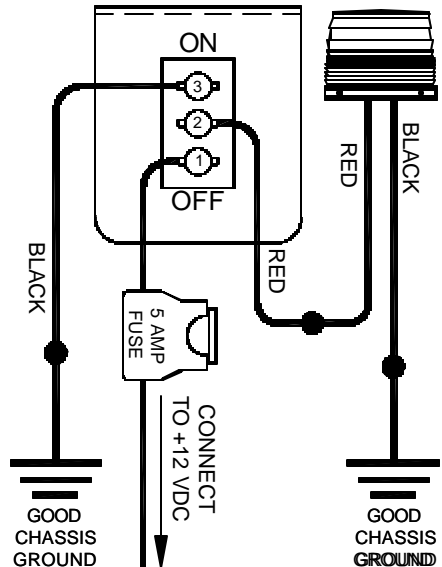
- CAUTION:** All of our DC powered warning lights are polarity sensitive. These lights are polarity protected *only if the appropriate fuse* is used. All wires connected to the positive terminal of the battery should be fused at the battery for their rated load. **Testing the light before this fuse is properly installed will void the warranty on the light.**
- Your new warning light comes complete with a foam mounting gasket, mounting screws, lock washers, and well nuts.
- For any models utilizing a **flange mount base**, please skip to Step 6.
- This light come equipped with a combination base, allowing the light to be either mounted on a 1/2" NPT conduit pipe or permanently mounted. For NPT pipe, mount the light using the threaded entrance hole in the base of the light, then skip to Step 11. For the permanent mount, proceed to Step 5.



- Carefully remove either the four screws near the base of the lens and lift off the lens. Examine the inside of the base and use a punch or drill to remove the knockouts present.
- Next, you will need to drill the holes in your mounting surface. Place the gasket in the exact position the light is to be mounted, and mark the holes on the mounting surface. (NOTE: You might have to stretch the gasket slightly to find the location of the holes in the gasket.) Take care to ensure that the gasket does not move while you are marking each of the holes. Be sure to mark the center hole if you will be running your wires through the mounting surface.

- Remove the gasket and drill your holes using an appropriate 3/8" drill bit. **CAUTION:** If you are mounting the light on a vehicle, and plan to wire it through the roof of the vehicle, remove the headliner from the inside of the vehicle. If you do not remove the headliner, take care so that you do not drill through it.

SP3860-1 LIGHTED SWITCH PANEL (REAR VIEW)



- After the holes have been drilled, push the enclosed rubber well nuts through the outer holes until the bottom side of the wider lip rests on the surface of the vehicle.
- Place the light on the surface of the vehicle, routing the wires through the center hole, if applicable.
- To secure the light to your mounting surface, align the holes with the well nuts. Install the screws through the base, into the well nuts, and tighten until snug.
- The black wire is the ground lead and should be connected to a good chassis ground.

- Connect the red wire to the positive side of the power through your switch. Use a 5 amp fuse. Check the label on the warning light for proper voltage.

# Magnet Mount Lights

**WARNING!!!!** Care should be taken when positioning any warning light on the roof, dash, or instrument panel of the vehicle, so that the light and/or cord does not interfere with the proper operation of any airbags! Failure to heed this warning may result in serious or

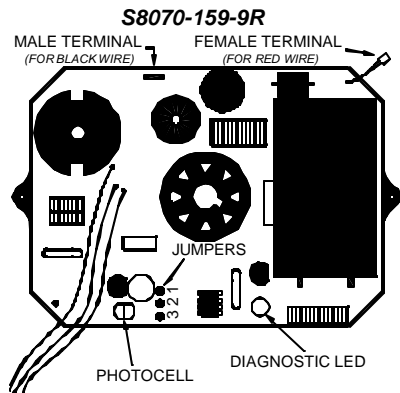
*If you are mounting the light on the roof of your vehicle, take extreme care to ensure that the magnet is firmly seated on your roof, and that the pull of the magnet is sufficient to secure the light in place. As the composition of the metal in the roofs of different vehicles may vary, as well as the contour, texture and/or condition, Star cannot guarantee the ability of the light to remain in place upon a moving vehicle. It is the sole responsibility of the owner to ensure the warning light is*

- **CAUTION:** Please be sure to check that your cigarette plug outlet is properly fused. **Testing the light before this fuse is properly installed will void the warranty on the light.**
- Once the light is secured, route your cord such that it does not interfere with the vision of the driver or the operation of any controls, including, but not limited to, the steering wheel, gear shifter, and/or airbag.
- This light has been factory tested and approved. If the light fails to work when the plug is inserted into the cigarette plug socket, twist the plug a few times to remove any ash or other deposits that might be preventing a good contact from being made. If the problem persists, check for a fuse inside of the plug itself. If present, remove the fuse from the circuit, check to see if it has blown, and clean the lighter socket and contact surfaces. Reconnect the fuse and test the light again.

## SPECIAL FEATURES

These strobe lights have a number of features:

1. **LED Diagnostic Indicator:** The 242 contains an LED designed to flash when the strobe tube should be flashing. If a strobe light is not working, troubleshooting is simple with this new LED. Simply examine the circuit when power is applied to it. If the strobe tube is not flashing, but the LED is flashing, you have a bad strobe tube. If the LED is not flashing, the circuit is either not receiving the proper voltage, or the circuit has failed.
2. **Photocell:** The 242 has a built-in photocell which will automatically switch the light to low power during "night" (or low light) conditions when such a high intensity is not required.
3. **Pattern Select Jumper:** The 242 lights have a jumper on the circuit allowing the end user to select the desired flash pattern. Placing the jumper on pins 2 and 3 (the outer two pins) will elicit a quadflash pattern, and placing the jumper on 1 and 2 (the inner two pins) will produce a doubleflash pattern.



## ONE YEAR LIMITED WARRANTY

The manufacturer warrants each new product, under normal use, against factory defects in material and workmanship for one year after the date of purchase. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, **repair or replace at its option**, products, or part(s), which its inspection determines to be defective. Repaired or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective item(s) in order to qualify for the warranty coverage.

Exclusions from this warranty include, but are not limited to, bulbs, strobe tubes, domes, and/or the finish. This warranty shall not apply to any light, which has been altered, such that in the manufacturer's judgment, the performance or reliability has been affected, or if any damage has resulted from abnormal use or service. This warranty does not apply to defect or damage occurring as a result of disaster, accident, abuse, misuse, lightning, power surges, or failure to follow instructions in any enclosed manuals. Any damage or defects occurring as a result of any unauthorized service or repairs by unauthorized persons shall be excluded from this warranty.

There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. **The loss of use of the product, loss of time, inconvenience, commercial loss, or consequential damages, including costs of any labor, are not covered.** The manufacturer reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured.

This warranty gives you specific legal rights. You might also have additional rights that may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

If you have any questions concerning this or any other Star product, please contact our **Customer Service Department** at (585) 226-9787.

If a product must be returned for any reason, please contact our Customer Service Department to obtain a Returned Goods Authorization number (RGA #) before you ship the product to Star.

Please write the RGA # clearly on the package near the mailing label.



**PROUDLY MADE IN THE USA**  
An ISO 9001:2008 Certified Company

## Star Headlight & Lantern Co., Inc.

455 Rochester Street Avon, NY 14414

Phone: 585-226-9787 FAX: 888-478-2797



[www.starheadlight.com](http://www.starheadlight.com)