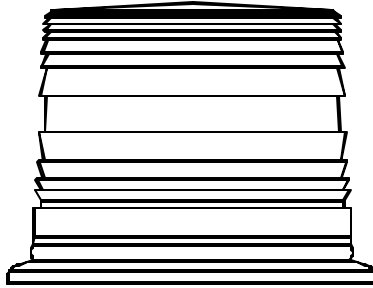
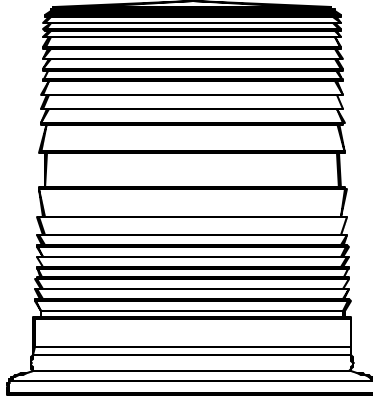


INSTALLATION INSTRUCTIONS



255TS / 256TS



255TC / 255HTC / 256TC

SAEJ1318 Class II : 255TC/255TS (Quadflash Mode)
256TC/256TS (Doubleflash Mode)
255HTC (Red)

SAEJ1318 Class I : 255HTC (Amber/Blue/Clear)

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



Star Headlight & Lantern Co., Inc.

455 Rochester Street
Avon, NY 14414



Phone: 585-226-9500
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PLITSTR288 REV. B 11/24/04

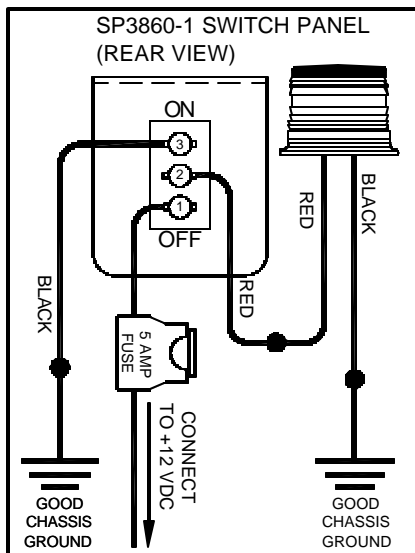
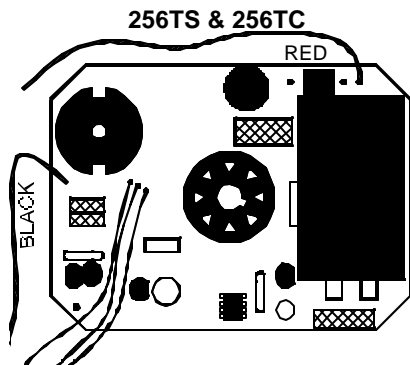
Mounting Instructions

1. Your new warning light comes complete with one foam mounting gasket, one wire grommet, two wire splicing terminals, three mounting screws, three lock washers, and three hex nuts.
2. These warning lights come equipped with a combination base, allowing the light to be mounted on either a 1" NPT conduit pipe or permanently mounted. For NPT pipe, mount the light using the threaded entrance hole in the base of the light, and then skip to the Wiring Instructions below. For the permanent mount, proceed to Step 3.
3. Before installing this light onto a flat surface, it is recommended that you seal up the pipe mount hole with a small amount of RTV. This will help prevent water damage.
4. Using the base as a template, mark three holes (on a 2.975" radius) on the mounting surface. Take care to ensure that the base does not move while you are marking each of the three holes.
5. Remove the base and drill a 7/32" hole in the marked spots.
CAUTION: Take care not to drill through the headliner of the vehicle below.
6. **If your wires will not be routed through the mounting surface skip to Step 8. If you are routing your wires through the mounting surface, then drill a 3/8" hole in the center to route the wires through.**
7. Insert the enclosed rubber wire grommet into the center hole. Remove the headliner from the inside of the vehicle. Place the light on the surface of the vehicle, and route the wires through the grommet.
8. Align the outer holes of the base with the holes in the mounting surface, install the screws and nuts, and tighten until snug.

Wiring Instructions

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.**

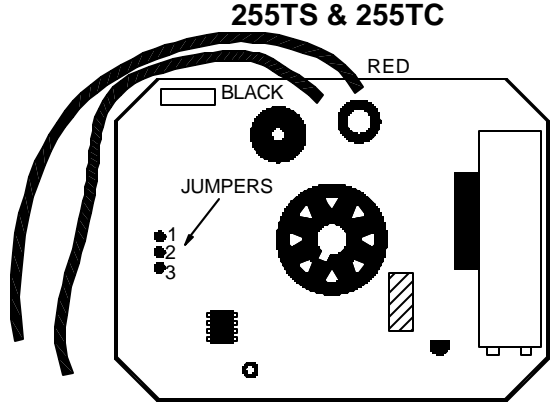
1. The black wire is the ground lead and should be connected to a good chassis ground.
2. As pictured in the diagram to the right, connect the red wire to the positive side of your power source through a single-pole, two-position switch, and a 5 Amp fuse. *Be sure to check your light for proper voltage.*



3. For the 256 Series (pictured to the left), you are finished.

255TS & 255TC Series Only

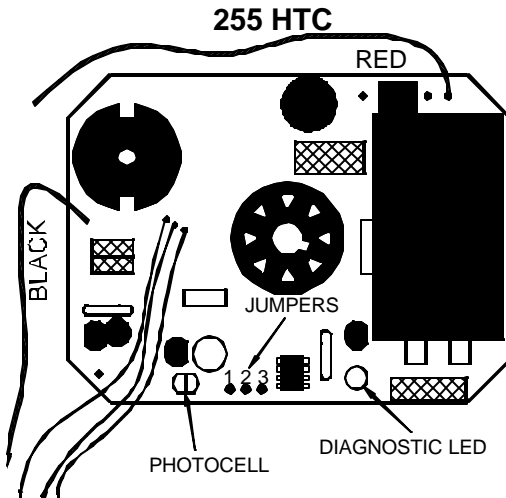
For the 255TS & 255TC Series :
These lights have a jumper on the circuit allowing the end user to select the desired flash pattern. Placing the jumper on pins 1 and 2 will elicit a quadflash pattern, and placing the jumper on 2 and 3 will produce a doubleflash pattern.



255HTC Series Only

The 255HTC Series strobe lights have a number of additional features :

1. **LED Diagnostic Indicator** : The LED indicator is designed to flash when the strobe tube should be flashing. If a strobe light is not working, troubleshooting becomes a breeze 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** : There is 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** : These lights have a jumper on the circuit allowing the end user to select the desired flash pattern. Placing the jumper on pins 1 and 2 will elicit a quadflash pattern, and placing the jumper on 2 and 3 will produce a random flash pattern.



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



CAUTION: High voltages exist in electronic strobe lights. Before attempting service on any strobe light, be sure to disconnect the power for at least five minutes to allow the capacitor to discharge. Failure to heed this warning may result in severe electrical shock and/or injury.

Please Note: Most strobe and rotating beacon failures can be traced to wiring and battery problems. Before attempting any service on the circuit itself, please be sure to check all connections and wiring to ensure the correct voltage and/or polarity is reaching your light or remote head.

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



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