

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 fatal injury.

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 secure.**

- **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 which 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.

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, and/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.

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.

Star Headlight & Lantern Co., Inc.

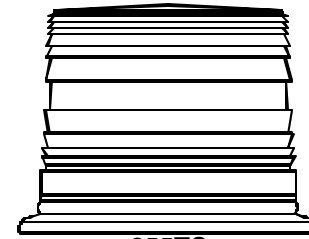
455 Rochester Street Avon, NY 14414

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

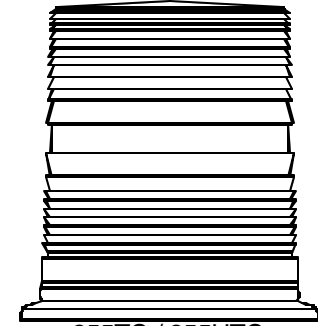


www.starheadlight.com

INSTALLATION INSTRUCTIONS



255TS
257TS/257TSG/257TS-2W
257HTS



255TC / 255HTC
257TC/257TCG/257TC-2W
257HTC

SAEJ1318 Class II : 255TS, 255TC, 257TS, 257TC (Quadflash Mode)
255HTC (Red)
SAEJ1318 Class I : 255HTC (Amber/Blue/Clear)

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

PARTS

Model	Strobe Tube	Circuit	Dome	Base
255TS	129-BUB	181-T-DQ	297TS-*	30164-13
255TC	129-BUB	181-T-DQ	295TC-*	30164-13
255HTC	129	181-HT-DQ	295TC-*	30164-13
257TS	129-BUB	181-T-DQ	297TS-*	30161-10P
257TC	129-BUB	181-T-DQ	297TC-*	30161-10P
257TSG	129	181-Q7-12	297TS-*	30161-10P
257TCG	129	181-Q7-12	295TC-*	30161-10P
257TS-2W	129	181-Q7-12	297TS-*	30161-10P
257TC-2W	129	181-Q7-12	295TC-*	30161-10P
257HTC	129	181-HT-DQ	295TC-*	30161-10P
257HTS	129	181-HT-DQ	297TS-*	30161-10P



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

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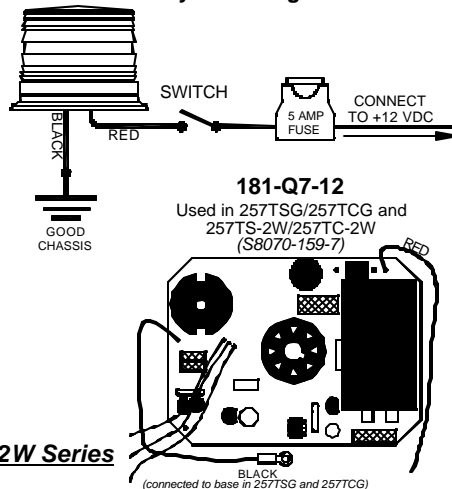
Mounting Instructions

1. Your new warning light comes complete with one foam mounting gasket, one wire grommet, two wire splicing terminals (only one with the 257TSG and 257TCG), 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. **If you are installing the self-grounding 257TSG or 257TCG, be sure to scrape away the paint under the head of one of the screws so that a good electrical connection is made.**

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.
(Please note: The 257 series is self-grounding and the black wire is connected to the base. Be sure to scrape away the paint under the head of one of the mounting screws so that a good electrical connection is made.)
2. Connect the red wire to the positive side of your power source through a switch and a 5 Amp fuse. **Be sure to check your light for proper voltage.**

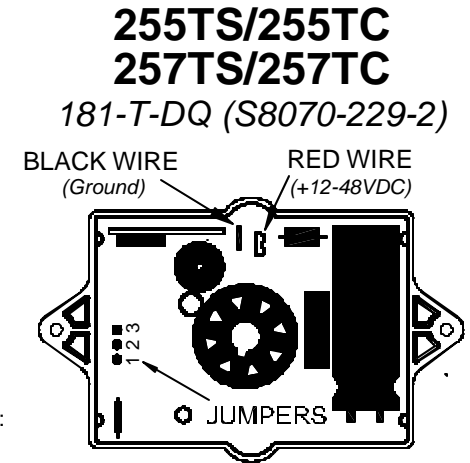


257TSG/257TCG and 257TS-2W/257TC-2W Series

255TS/255TC and 257TS/257TC Pattern Programming

By default, the 255TS and 255TC lights will be shipped in quadflash mode. These lights have a jumper on the circuit allowing the end user to change the flash pattern to singleflash or doubleflash, if desired. To change the flash pattern:

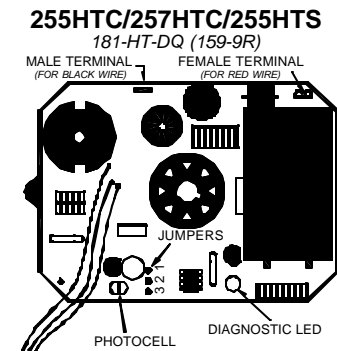
- The jumper will be normally stored on pins 2 and 3.
- Remove the jumper from pins 2 and 3 and briefly touch it to pins 1 and 2 (about 1 second) and release it.
- The flash pattern will advance to the next pattern. Repeat touching and releasing to scroll through the patterns: Quadflash → Singleflash → Doubleflash
- Place the jumper back on pins 2 and 3 when the desired pattern is set.



255HTC, 257HTC, and 257HTS Only

The 255HTC, 257HTC, and 255HTS 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 (*default*), and placing the jumper on 2 and 3 will produce a doubleflash pattern.



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