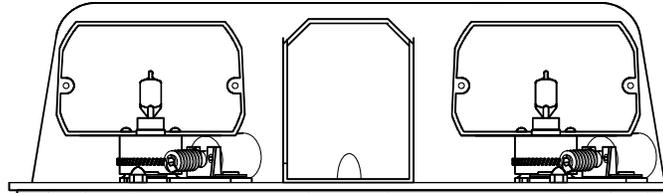


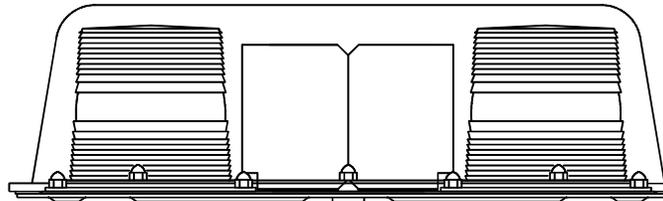
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# INSTALLATION AND INSTRUCTION MANUAL

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9200H & 9200I SERIES



9200S & 9200Z 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

**STAR**  
WARNING  
SYSTEMS

**STAR SIGNAL**  
VEHICLE PRODUCTS

**BRADFORD**  
Vehicle Solutions

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

PLITSTR57 REV. R 10/10/14

**Please Note:** These instructions are provided as a general guideline only. **Some vehicles may require special mounting, wiring, and/or weather-sealing. This is the sole responsibility of the installer.** Star Headlight & Lantern Co., Inc. assumes no responsibility for the integrity of the installation for this or any of its products.

<u>Model</u>	<u>Voltage</u>	<u>Current Draw</u>	<u>Light Source</u>	<u>Flash Rate Per Side</u>	<u>Total Flash Rate Of Minibar</u>
9200H	12 VDC	8 Amps	50 Watt Halogen Bulb	80FPM	240FPM
9200H-24V	24VDC	4 Amps	50 Watt Halogen Bulb	80FPM	240FPM
9200H-WY	12 VDC	8 Amps	50-Watt Halogen Bulb	160FPM	480FPM
9200H-WY24	24 VDC	4 Amps	50-Watt Halogen Bulb	160FPM	480FPM
9200I	12 VDC	6.5 Amps	35 Watt Incandescent Bulb	80FPM	240FPM
9200S	12-24 VDC	2 Amps	11.25-Joule Strobe Head	64DFPM (128FPM)	512FPM
9200SQ	12-24 VDC	2 Amps	17.5-Joule Strobe Head	42QFPM (168FPM)	672FPM
9200ZQ	12- 24 VDC	1 Amp	Two 3.75 –Joule Strobes	65QFPM (260FPM)	10400 FPM

## PERMANENT MOUNT VERSIONS

1. **IMPORTANT:** Please read all of the following instructions before installing your new warning light. This instruction sheet applies only to the models listed at the top of this sheet.
2. **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.**
3. Remove the dome from your mini-bar. Take care not to damage the gasket. Place the light in the exact position it is to be mounted.
4. Using the base as a template, mark four holes on the mounting surface. Take care to ensure that the base does not move while you are marking each of the four holes.
5. Remove the base and drill a 3/8" hole in the four marked spots.  
**CAUTION: Take care not to drill through the headliner below.**
6. Push the enclosed rubber well nuts through the holes until the bottom side of the wider lip rests on the surface of the vehicle.
7. *For external wiring of your new Star mini-bar skip to Step 8. For internal wiring, proceed as follows:* Remove the headliner from the inside of the vehicle. Draw two diagonal lines between the well nuts in the opposite corners. Mark the location at which they cross. Drill a 3/8" hole in the center marked location. Place the light on the surface of the vehicle, routing the wires through the hole. Align the four other holes with the well nuts, install the screws, and tighten until snug. Skip to Step 9.
8. *For external wiring,* place the light on the mounting surface and align the holes with the well nuts. Install the screws and tighten until snug.
9. Replace the dome on your mini-bar.
10. Connect the corresponding wires for your model

### 9200H and 9200Z

**Red:** Power  
**Black:** Ground

### 9200S

**Red:** Power  
**Black:** Ground  
**Purple:** Disconnected for Doubleflash  
Ground for Quadflash

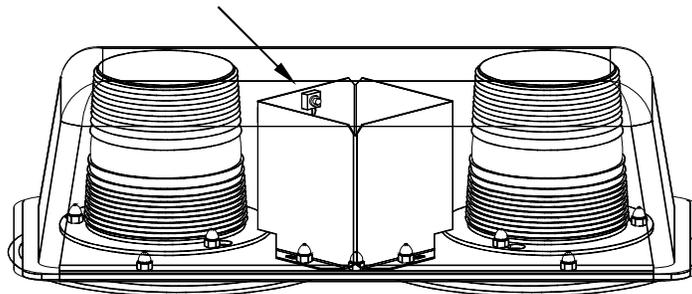
## MAGNET MOUNT VERSIONS

**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.

1. **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.***
2. If you are mounting the light on the roof of your vehicle, take extreme care to ensure that the magnets are firmly seated on your roof, and that the pull of the magnets is sufficient to secure the light in place. Because the composition of the metal in the roofs of different vehicles may vary, as well as the contour, texture and/or condition, the manufacturer 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.***
3. 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 any airbags (front and/or side).
4. 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, 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.

### Strobe Pattern Select Button For Mag Mount Versions

*(Press once to change to Doubleflash, press again to return to Quadflash)*



## PARTS

Outer Dome.....	920-3-*
Colored Filter for Rotators.....	920-100-*
Inner Dome for Strobe Head.....	333-*
Doubleflash Power Supply for 9200S Series.....	620-181-SBP
Quadflash Power Supply for 9200ZQ.....	181-ZQ-12
Strobe Head for 9200S series.....	ST3901-7
Strobe Tube for 9200ZQ series.....	129-Z
12V Halogen Bulb (50-Watt).....	2073-795X
12V Incandescent Bulb (35 Watt).....	2073-1195
24V Halogen Bulb (50-Watt).....	2073H50W24
Rotator (80FPM).....	920-0
Rotator (160FPM).....	920-0F
Plastic Wall Mirror for 9200H.....	920-30-3
"V" Mirror for 9200S.....	920-1S
Magnet (four required for mag mount).....	920-16
8" Vacuum Magnet (2 required for vacuum mag mount).....	920-16V
Heavy Duty Cord with Cig Plug for Rotating Minibars.....	920-10
Cord with Switched Cig Plug for Strobe Minibars.....	176-SW

\* = color

### 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 Materials Authorization number (RMA #) before you ship the product back.  
Please write the RMA # clearly on the package near the mailing label.



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