

Models
9018LED and 9018TBLED
Ultra-High Intensity Minibar



9018LED

NOTICE

Due to continuous product improvements, we must reserve the right to change any specifications and information, contained in this manual at any time without notice. Star Headlight & Lantern Co., Inc. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Star Headlight & Lantern Co., Inc. shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this manual.

LED FIVE YEAR LIMITED WARRANTY

The manufacturer warrants this LED light against factory defects in material and workmanship for five years 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, 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.

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 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 Material Authorization number (RMA #) before you ship the product back.
Please write the RMA # 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

STAR
WARNING
SYSTEMS

STARSIGNAL
VEHICLE PRODUCTS

BRADFORD
Vehicle Solutions

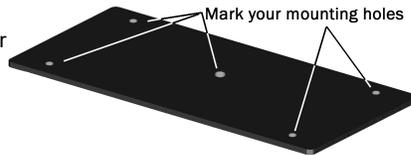
www.starheadlight.com

PLIT499 REV. C 9/15/20

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

Permanent Mounting

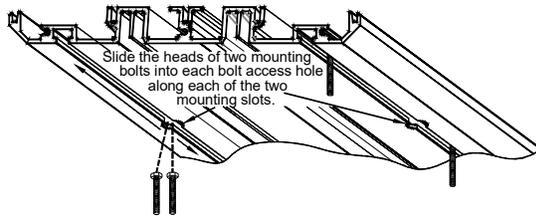
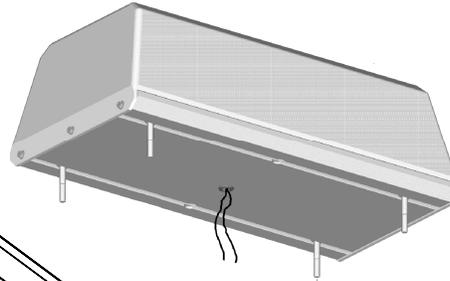
1. Using the gasket as a template, mark the four bolt holes on the mounting surface (and the center wire hole, if you will be needing one).



2. Drill a 9/32" hole in the four marked spots or the mounting bolts.

CAUTION: Take care not to drill through the headliner below.

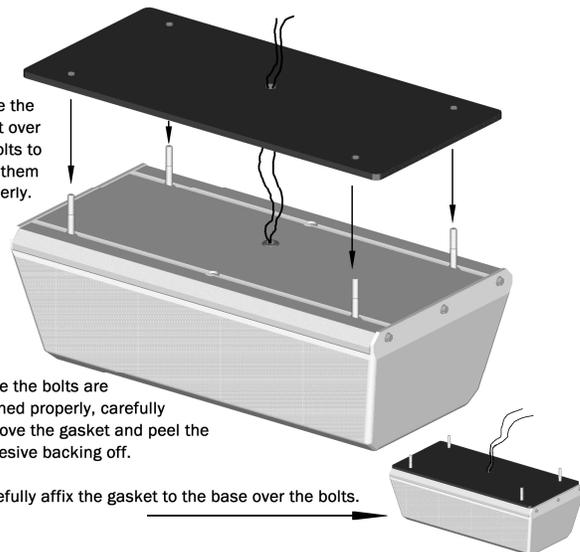
3. Insert the head of two mounting bolts into each of the access holes found along the slots on the bottom of the bar and slide one to each end of the base.



4. Route the wires through the center of the gasket and align the bolts properly BEFORE REMOVING THE BACKING.

5. **Remove the adhesive backing on the gasket and carefully stick the gasket onto the base**, over the bolts, with the wires routed through the center hole.

Place the gasket over the bolts to align them properly.



6. Route your wires through the mounting surface if applicable.

Once the bolts are aligned properly, carefully remove the gasket and peel the adhesive backing off.

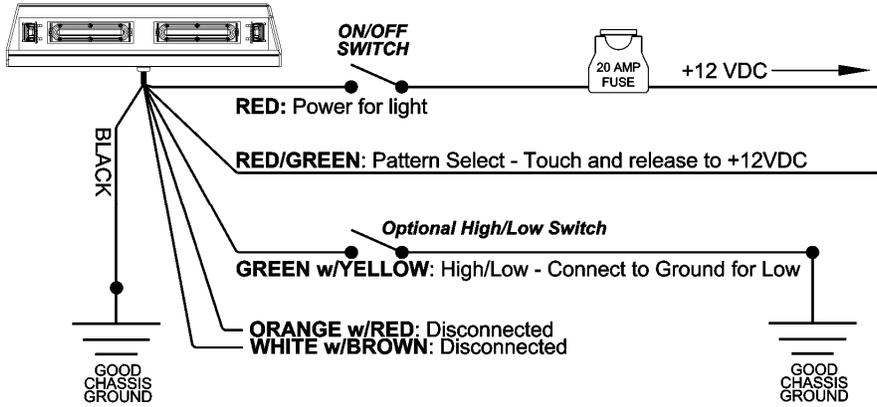
Carefully affix the gasket to the base over the bolts.

7. Install your light with the four bolts going through your mounting holes. Place a washer and nut on each of the bolts and tighten until snug.

Wiring for Permanent Mount Models

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.**

- Red - (Power)** Connect to +12 VDC through your switch. *Be sure to use a 20 amp fuse when connecting the switch to the positive side of the power supply.*
- Note:** For any versions with two colors, they cannot be activated independently.
- Black - (Ground)** Connect to the negative side of the battery.
- Green w/Yellow - (Optional - High/Low)** Switches the light between High and Low power.
 - High Power Only: Leave disconnected (cover wire with wire nut or tape)
 - Low Power Only: Connect to Ground
 - High/Low Switching Option: Connect to Ground through a switch
- Red w/Green - (Pattern Select)** Touch and release to +12 VDC to change patterns (see next page).




WARNING! These lights utilize high-intensity LEDs. Do not stare directly into the light while it is on, as momentary blindness and/or permanent eye damage may occur.



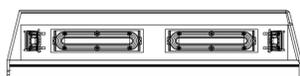
Pattern Programming

- To change patterns, briefly touch and release the **Red w/Green Stripe** wire to +12 VDC.
- The cycle repeats after the last pattern.
- **Pattern Shortcuts:** Touch and hold the **Red w/Green Stripe** Wire to +12 VDC for the length of time that corresponds to the pattern you would like to jump to. Once you find the pattern you wish to display, connect the **Red w/Green Stripe** wire to ground and deactivate the light. This will store the selected pattern.

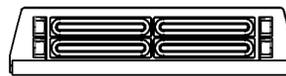
<u>Length of Hold</u>	<u>Unit Blinks</u>	<u>Jumps to</u>	<u>Description</u>
3 sec.	1 time	Pattern 5	Alt. Tripleflash, Pre-Pop Tripleflash w/Flicker
6 sec.	2 times	Pattern 19	Alt Long Singleflash (Medium Warn)
9 sec.	3 times	N/A	Intersection Clearing Light Pattern

Patterns

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. Slow Warn 2. Alt. Doubleflash, Flicker 3. All Double, Alt. Pre-Pop Triple, Slow Warn 4. Alternating Doubleflash, Non-Synch 5. Alt. Triple, Alt. Pre-Pop Triple, Flicker 6. Alt. Quad, Flicker, Alt. Double, Flicker 7. Alt. Pre-Pop Quint, Alt. Quint, Flicker 8. All Tripleflash 9. Alt. Quadflash w/Post Pop 10. All Quadflash w/Post Pop 11. Alt. Quintflash 12. One Side Steady/Other Side Singleflash 13. Alt. Pre-Pop Quintflash 14. All Flicker 15. Alt. PSU Flicker 16. One Side Steady/Other Side Short-Long 17. One Side Rapid Fire, Other Side Pop 18. Comet 1 | <ol style="list-style-type: none"> 19. Alt Long Singleflash (Medium Warn) 20. Alt. Short - Alt. Long 21. Slow Warn, Alt. Tripleflash 22. Slow Warn, Super Fast Warn 23. All Doubleflash, Alt. Doubleflash 24. All Double, Alt. Double, Flicker 25. Fast Warn 26. Superfast Warn 27. Warn Fade 28. Pre-Pop Warn 29. All Singleflash 30. Alt. Tripleflash 31. All Quintflash 32. One Side Pop, Other Side Rapid Fire 33. Comet 2 34. Delta Omega 35. Cycle All Patterns |
|---|--|



9018LED



9018TBLED

9018LED: Pattern alternates between left and right.

9018TBLED: Pattern alternates between top and bottom.

Please Note: These instructions are provided as a general guideline only. Specific mounting, wiring, and/or weather-sealing may be necessary and are 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.



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