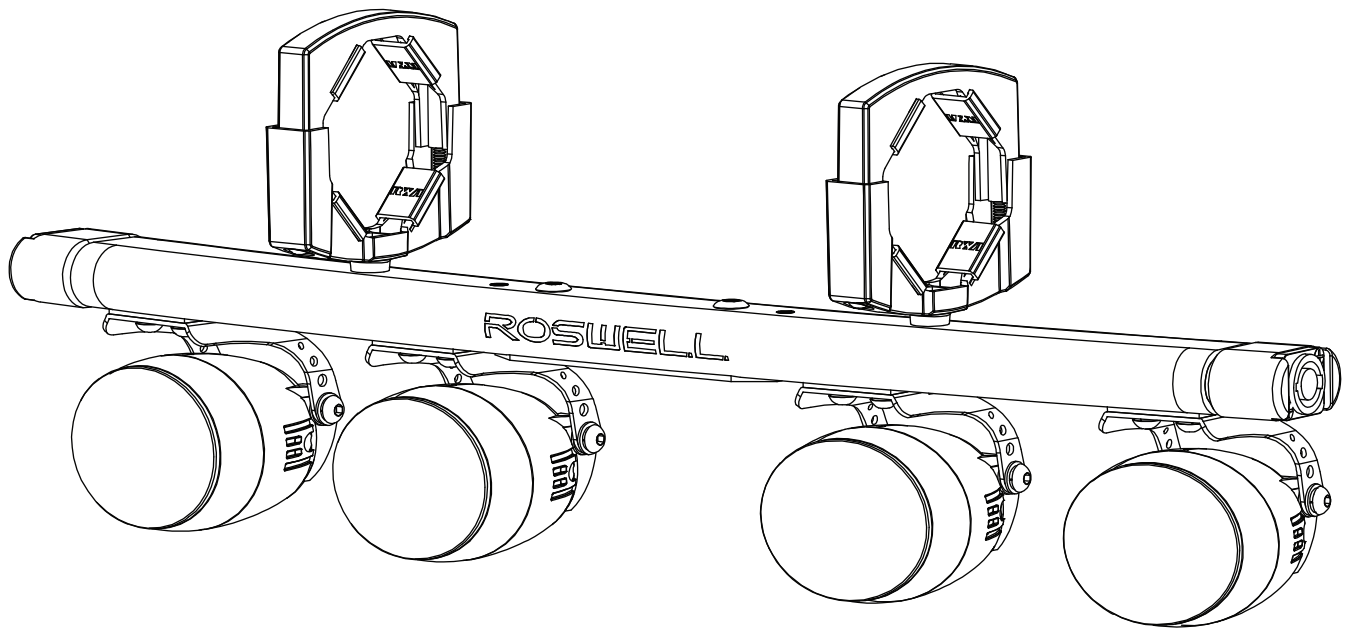


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NV4 Lightbar

Installation & Usage Instructions

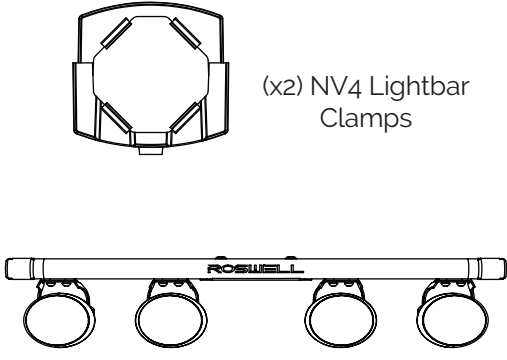


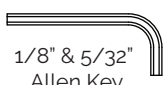




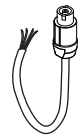



Part # C910-1722

Information: info@roswellglobal.com

If you have any questions please call : 1-321-638-1331



PACKAGE CONTENTS		TOOLS NEEDED
 <p>(x2) NV4 Lightbar Clamps</p> <p>(x1) NV4 Lightbar</p>		 <p>Heat Gun</p>  <p>Wire Strippers & Crimps</p>  <p>1/8" & 5/32" Allen Key</p>  <p>LOCTITE THREADLOCKER RED</p>
 <p>#10-24 UNC X 2.00"</p>  <p>#10-24 UNC X 0.75"</p>  <p>1/4-20 UNC X 0.50"</p> <p>x4 x4 x2</p>		 <p>(x1) Wiring Harness</p>  <p>Butt Splices</p> <p>x4</p>

NOTES

You may need to provide wire for your tower and boat. You will need two fuses for the interior boat wiring. You will need wire for both the lights and the LED interior light – enough length to run to your desired power source or switch (depending on your install).

We recommend a minimum 18 gauge wire for powering both the lights and the interior LED. You must mount an in-line fuse on the positive wire of each circuit between your battery and the switch. The in-line fuse is designed to protect your wires and the lightbar in case of short circuit. We recommend using a 5 amp fuse.

MOUNTING OPTIONS

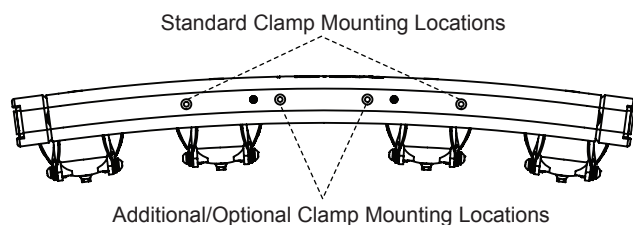
Your new NV4 Light Bar can be mounted anywhere on your tower – it has been designed to have the interior LED facing down but can be mounted to face upward. The lights will rotate to face either direction so it's up to you to choose a suitable mounting location.

Both ends of the light bar are equipped with a speakon connector, however only one end needs to be plugged in. This allows you to connect multiple lightbars on the tower without running a dedicated circuit for each.

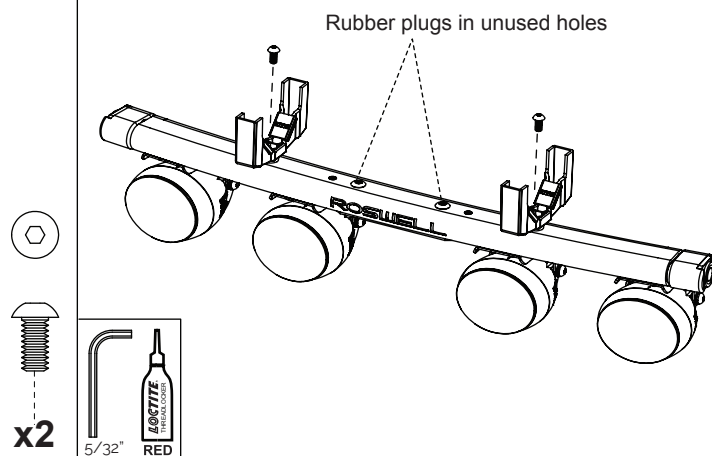
A Hold the bar in the position you would like on your tower (see recommendations for mounting options at the beginning of these instructions).

Verify which of the 2 mounting positions will work best for the location you have chosen.

Replace the rubber plugs in the extra holes you will not use and attach the clamps to the holes that will be used. (See Step B)



B Install the 2 bottom halves of the clamps to the lightbar in the locations chosen in Step A using the hardware provided and a 5/32" allen key. Apply red Loctite to the bolts first.



C

Mount the lightbar to your tower and install the upper clamp halves. You have a choice of 2 different lengths of mounting bolts in this step. Any tubing diameter of 2.5 - 3 inches requires the longer bolts. Anything 1.9 - 2.5 inches requires the shorter bolts. Apply red Loctite to the bolts first.



x4

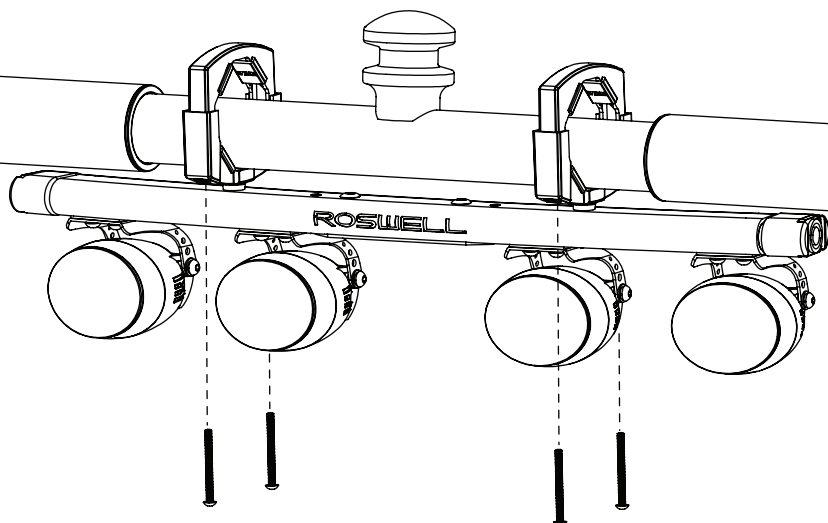
OR

x4



1/8"

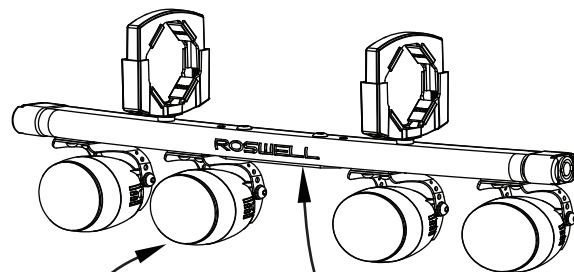
RED



D

Light Bar Wiring Harness

Wire Color	Function
Red	Directional Lights +
Black	Directional Lights -
Yellow	Interior LED +
Blue	Interior LED -



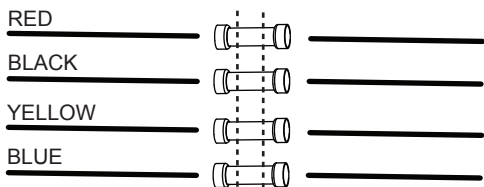
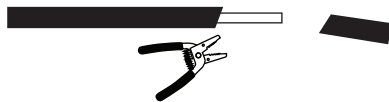
Directional LED Lights

Interior LED Lights

E

Locate your tower wires to connect your lightbar wiring harness to.

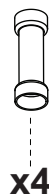
1) Use wire strippers to expose 1/4" of wire on all wires.



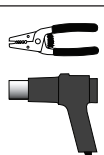
Wiring harness

Crimp Crimp

Tower wires



x4



- Slide butt connectors over wiring harness wires & corresponding tower wires. Crimp each side of each connector.
- Heat shrink the connectors with a heat gun.
- Push excess wire back into tower.

F

With your boat and all switches turned off you can now plug the speakon connector into the lightbar.

