



**BRANDON PALANIUK
BOAT DECK LIGHT KIT**

INSTALLATION INSTRUCTIONS



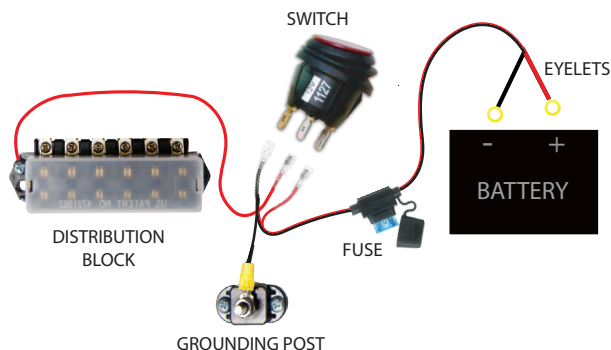
KIT INCLUDES

- (4) or (6) A-Series LED Lights (Depending on Kit)
- (1) or (2) Distribution Blocks (2 for Two Color Kit)
- 27' Wiring Harness with Inline Fuse
- Mounting Hardware
- 3 Amp Blade Fuses (4 or 6 - Depending on Kit)
- Switches (2 for Two Color Kit)

Installation is fairly simple with the right tools and good mechanical abilities. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Please read through all of these instructions and tips before proceeding with installation.

Always Disconnect negative battery terminal from battery during this process in order to prevent potential damage to the electrical system

While routing wire always avoid any heat sources, sharp edges or abrasive surfaces.



HARNESS/SWITCH WIRING

1. Mount distribution block(s) in desired location. Wire harness and light lead lengths are set up for the distribution block to be mounted inside a compartment in the bow of the boat. If you are mounting elsewhere, make sure all wiring is long enough to reach.
2. Mount grounding post(s) near distribution block(s). Grounding post(s) are intended for use on a fiberglass boat. **Do not mount grounding post(s) to a metal surface on a metal hull boat.** If you have a metal hull boat, make sure you mount the grounding post(s) to a non-conductive surface or discard the grounding post(s) and use insulated wire connectors to make your negative wire connections.
3. Choose a location for the switch(s) in your desired location. Drill hole(s) using $\frac{3}{4}$ " step bit or hole saw.
4. Install wire harness per diagram below. Positive lead should run from positive battery terminal to the switch(s), then from the switch(s) to the distribution block(s). Negative lead should run from the negative battery terminal to the switch(s), then from the switch(s) to the grounding post(s). Connections at the switch should be made per the drawing below. Excess wire at either end of the harness can be trimmed if desired.
5. Push switch(s) into place in mounting location(s).

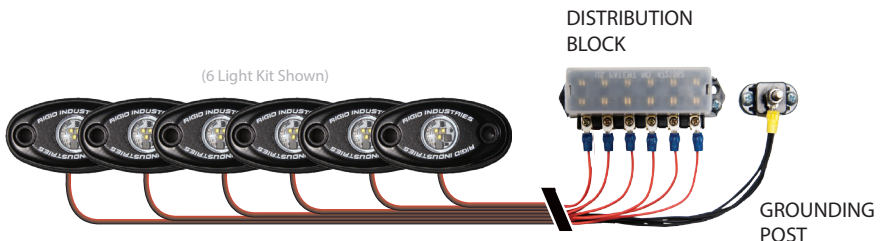
****Do not reattach negative battery terminal to battery until all lights are wired.****

LIGHT WIRING

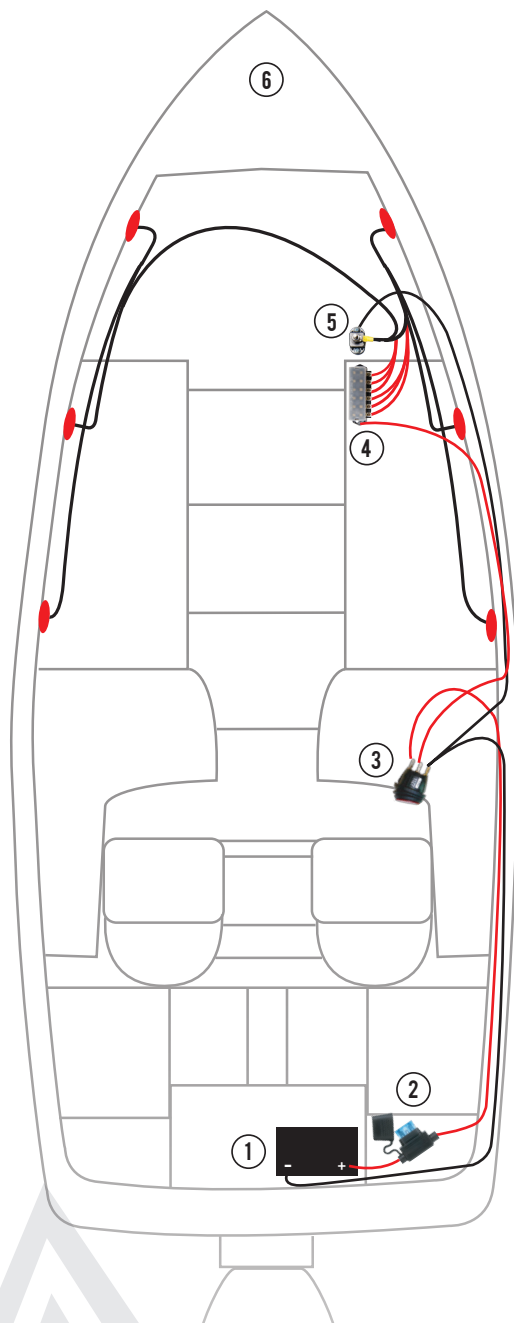
1. Route light wire from each light to distribution block & grounding post.
2. Coil or cut any extra wire length then apply supplied crimp-on eyelets to each red and black wire end. The large eyelets should be used on the black wires. Small eyelets should be used on the red wires. Secure all black wires on grounding post with supplied nut. Secure all red wires on distribution block.
3. Install provided 3AMP fuses in distribution block.

LIGHT MOUNTING Suggested Wiring Diagram Located on Back Page

1. Choose mounting locations for the A-Series lights. Be sure you have proper clearance from compartment lids/carpet. Be sure that the lights will not touch the carpet or any similar surface when lids are opened, as the light may burn it.
2. Decide if you want to mount with self-tapping screws, nuts & bolts, or adhesive.
3. **Self Tapping Screw Mounting Option** - Although the screws are self tapping, it is still recommended to drill a pilot hole to ensure you do not damage any fiberglass mounting surfaces. If using self-tapping screws, position A-series light where you want them and run screws through black plastic shoulder washers, then through light & optional mount pad and into place. Wire can be routed through mount pad and out the side or through the mount surface. If you choose to mount without pads, you will need to drill a hole for the wire to run it through the mount surface.
4. **Nut & Bolt Mounting Option** - If using nuts & bolts, hold A-series light in position and mark mount holes. Drill holes using 1/4" bit. Position A-series light in place and insert bolts through black plastic shoulder washers, then through light & mount pad (optional) and through surface. Secure with flat washer and lock nut. Wire can be routed through mount pad and out the side or through the mount surface (you will need to drill a hole for the wire if you want to run through the mount surface).
5. **Adhesive Mounting Option** - This method is designed for a smooth, flat surface with no additional mounting pad. In order for adhesive to properly bond, ensure mounting surface and the back of the switch are clear of any debris or fingerprints. Apply the supplied primer to the mounting surface & the back of the switch. Remove protective film from one side of VHB mount pad and apply VHB mount pad to switch. Avoid touching the bonding surface of the VHB pad. Remove the other side of protective film and secure switch with VHB mount pad in primed location. Hold in place while maintaining pressure for 30 seconds.



- ① BATTERY
- ② FUSE
- ③ SWITCH
- ④ DISTRIBUTION BLOCK
- ⑤ GROUNDING POST
- A-SERIES
- ⑥ OPTIONAL DISTRIBUTION BLOCK LOCATION



YOUR INSTALLATION IS COMPLETE WELCOME TO THE RIGID NATION!

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