



Underdeck Light Installation Instructions

Your kit contains:

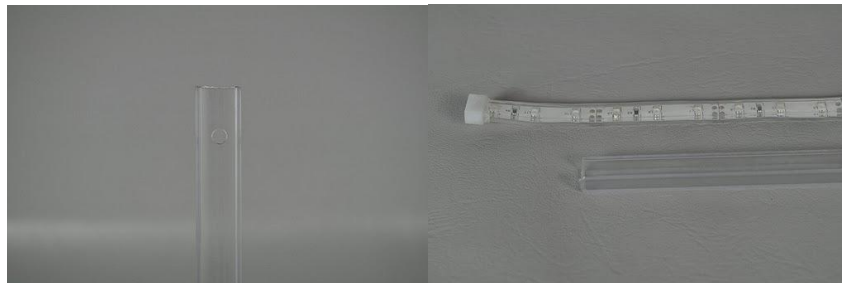
- 2 pre-cut and terminated under deck lights
- 1 underdeck light harness
- Several 4' sections of mounting strip

The underdeck lights will install in four easy steps.

Step 1 – Mounting strip installation

The best location to install your under deck lights will be on the bottom of your pontoon deck with the light facing down. Lay out half of your mounting channel on each side of your boat. Measure your lights for their exact length and cut your installation channel to match. There is enough mounting channel to provide a continuous mounting surface for your underdeck lights. Center the lights on each side of your boat. Before drilling or cutting, ensure that you can mount the lights in the same location on each side of your boat.

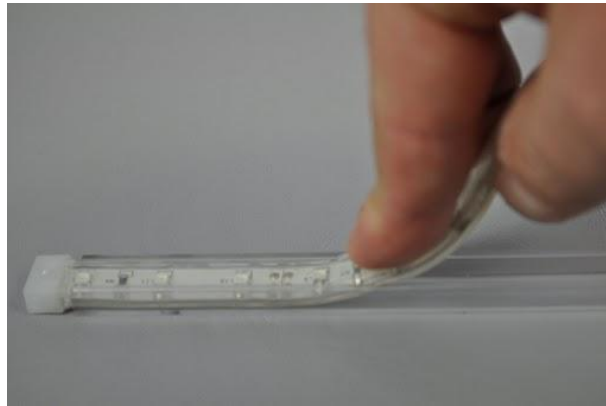
Usually, there is a gap between the end of your cross deck channels and your side trim. If you are mounting your new lights directly to the underside of the deck, drill 1/8" holes through the back of the mounting trim at intervals of not more than 8" apart through the mounting channel. Secure the channels to the deck using stainless steel, #6 pan head screws. In some cases, your boat cross channels extend all the way to the side trim. In these cases, either secure the mounting channel directly to the side trim flange or at every deck cross brace. Along with drilling through the mount strip, you will also need to drill holes in your aluminum side trim or cross channel. Use stainless steel, #6 pan head screws.



In all cases, we recommend installing the lights so they reflect off of the water and your pontoon tubes. We do not recommend installing the lights so they can be seen in direct view from another boat.

Step 2 - Installing the Lights

In most cases, it is easier to make the electrical connection to your underdeck lights at the stern of the boat. Starting at the bow end of your mounting channel, remove the double-sided tape backing and begin snapping the underdeck lights into place. Continue to the stern. Repeat on the other side of your boat. The design of the wire harness will allow you to run the lights in either direction or one in each direction. Once the lights are installed, apply a generous amount of silicon at each end of both lights to add extra waterproofing and strain relief for the wires.



Step 3 – Wire Harness Routing

Your underdeck wiring harness is shaped like a large letter “V”. The base of the V connects to your helm wiring. **IMPORTANT:** One of the leads on your underdeck harness is longer than the other. Use this one for your port side light.

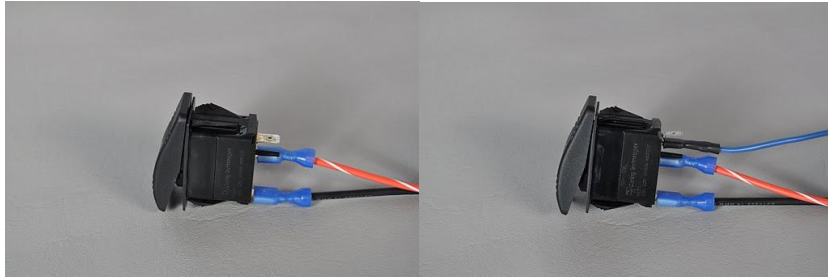
Route your underdeck wiring harness along the top of your pontoon with other boat wiring. Run across the width of your pontoon boat with other wiring and a cross channel. Secure your underdeck wiring at least every 18”. Make sure the harness will not become snagged by a trailer or other obstacles that travel under your boat. Connect each LED strip to your harness with the supplied connectors and protect with supplied heat shrink.

Step 4 – Connecting your Harness to the Helm

Your underdeck wiring harness comes with piggy back quick connect terminals designed to easily connect to most accessory switches (not included).

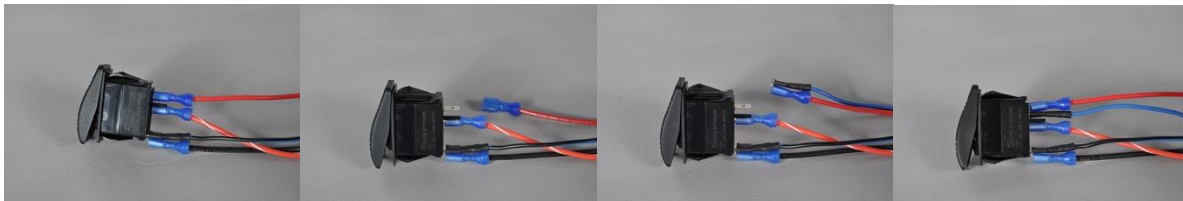
Positive Connection

If your underdeck lights are being controlled by their own switch, simply connect the blue wire from your underdeck light harness to the open terminal on your switch.



NOTE: The orange/white wire on the switch above is the power wire for the switch. The black wire is the ground for the light in the switch.

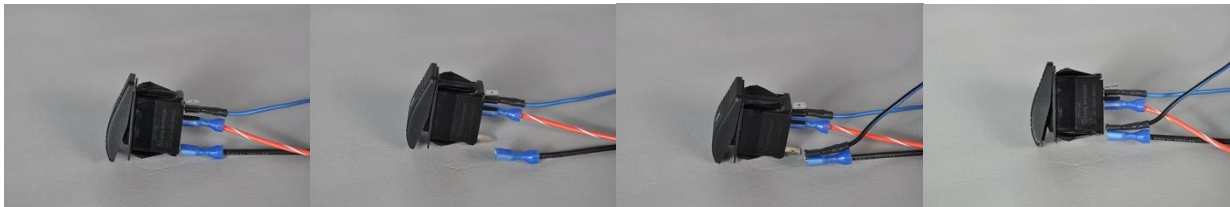
If your underdeck lights are being controlled by a switch that also controls another function, remove the switched power wire from the switch and connect it to the piggy back terminal on the blue power wire from your underdeck light harness. Re-install the blue combo of wires back onto the switch.



NOTE: The orange/white wire on the switch above is the power wire for the switch. The red wire on the switch is connected to the existing component controlled by this switch. The black wire is the ground for the light in the switch.

Ground Connection

Remove the black wire from the switch and connect it to the piggy back terminal on the ground for your underdeck light harness. Re-install the black wire combo back onto the switch.



Please ensure that the switch has at max a 10 amp fuse or circuit breaker.

Thank you for choosing our product.