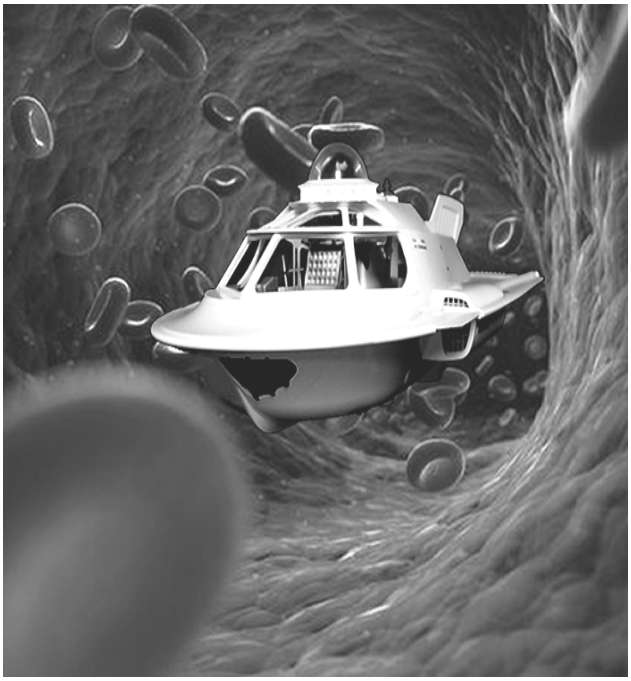
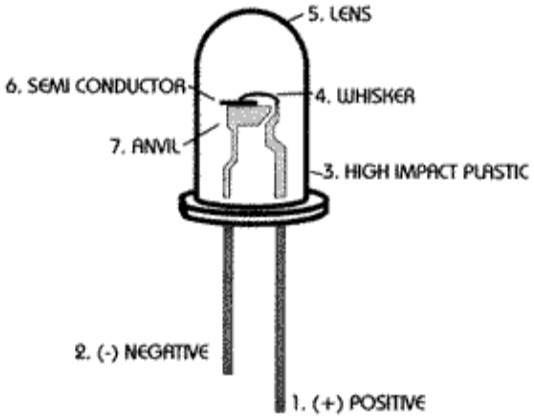
3312 Hoover St, Redwood City, CA 94063
650-568-3400
www.voodoofx.com

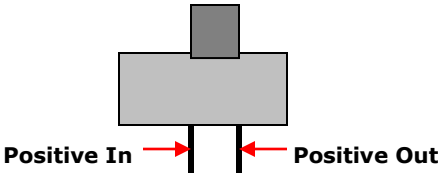


(Proteus Lighting Kit)

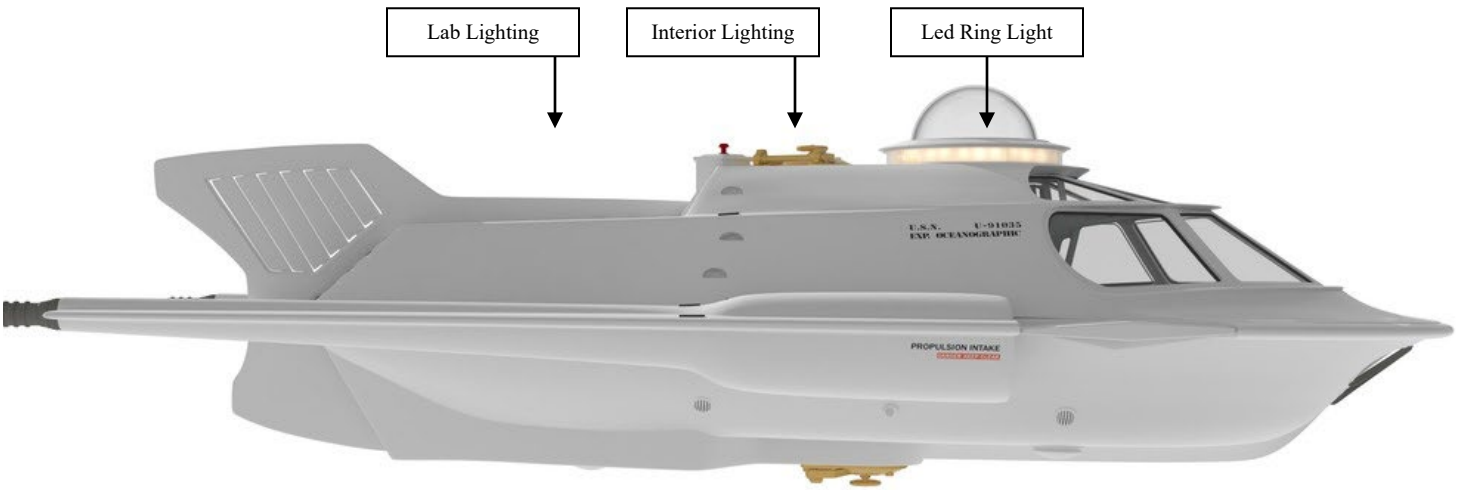
(General Led Diagram)



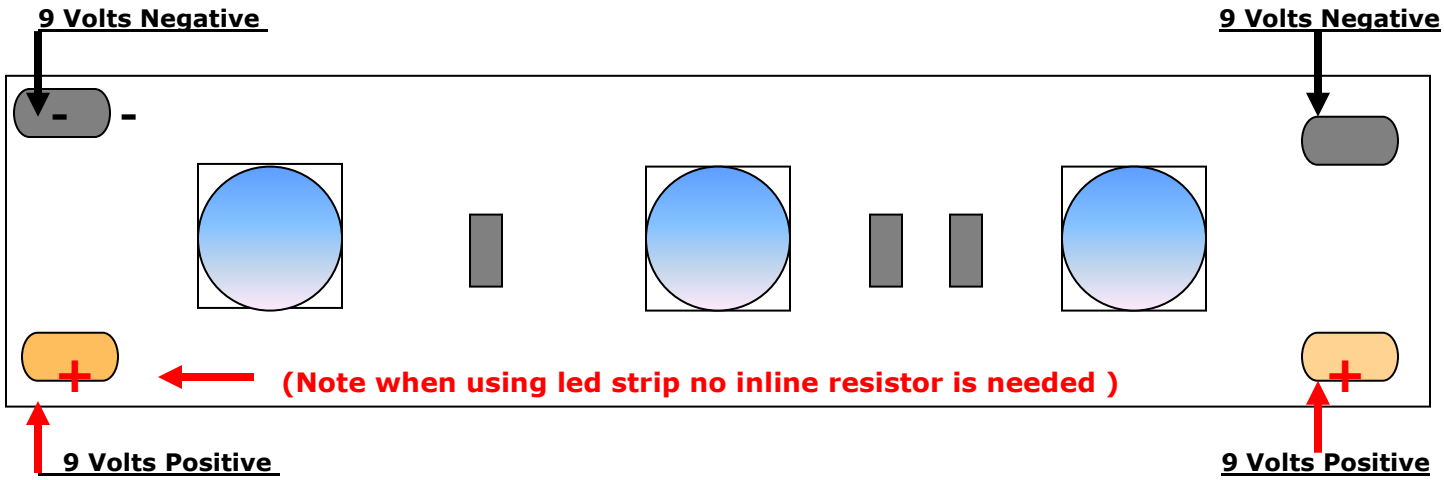
(General On /Off Switch Diagram)

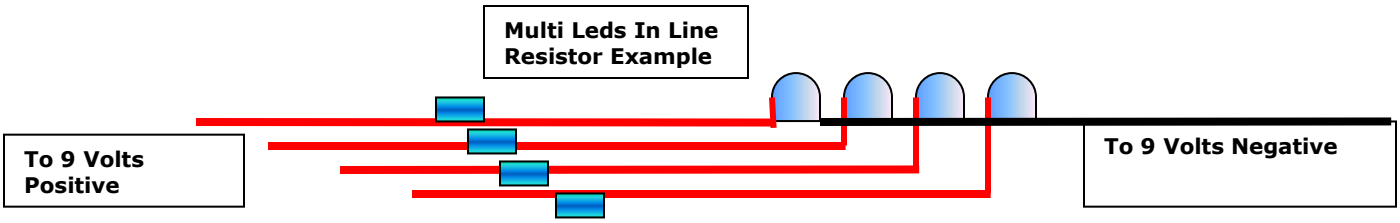


General Install Instructions Ver1:
Start by un packing parts & getting familiar with the parts. There are three main zones that could be lit, upper ring light, main deck area & back lab station. The ring light will require the pre cut piece of led strip, one small oval drill out in the back side of the dome support part. You will need to solder the **back side of the strip** make sure that the positive and negative are hooked up properly, they are marked on the strip, you will not need to use any inline resistor. Main passenger area can be lit in many different ways, over head down lighting, up lighting or under or cross lighting. Best way is to pre build a couple of the led's with resistors in line and try them in different locations until happy with your results. All single led's will require a in line resistor to protect the led against damage. The lab station can also be lit in a few different ways, it is best to pre test the area for desired lighting effect before mounting. All extra wire can be housed in the intake area, if you want to run the model up on a post or tube make sure to run a pair of positive and negative wires before closing the model. Before closing model run a test to make sure all lighting locations are lit, be carful to not pinch any wiring on the final close up, please refer to all diagrams & photos below.

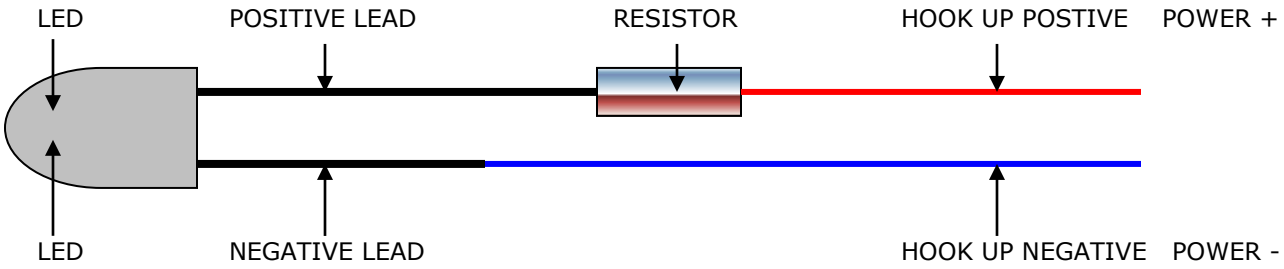


LED LIGHT STRIP DIAGRAM:

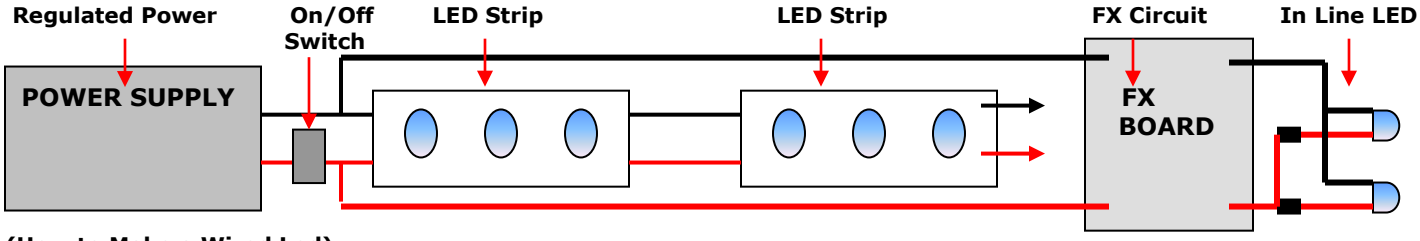




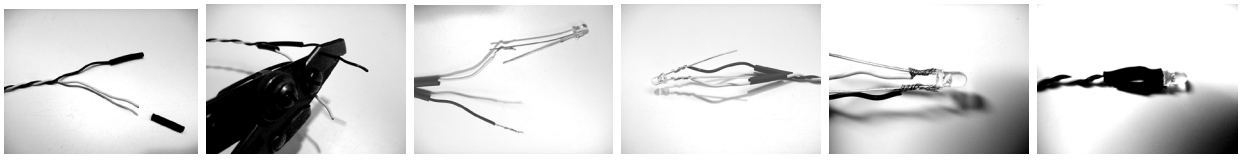
General Instructions For Inline Resistor Hook Up:
Here is the hook up diagram for high output circuit board or direct power hook up. Each separate led will need a resistor in order to prevent overdriving the led, if not protected with a resistor the led will burn out under direct power hook up. Solder all wire connections properly; please study the hook up diagram below and repeat the process for each used led.

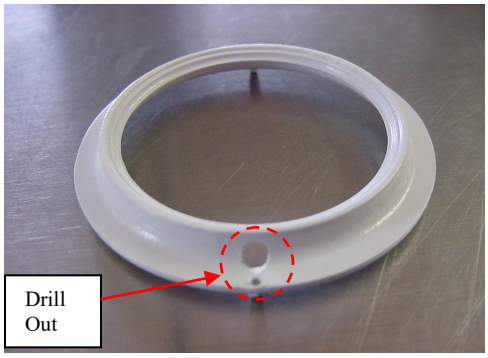


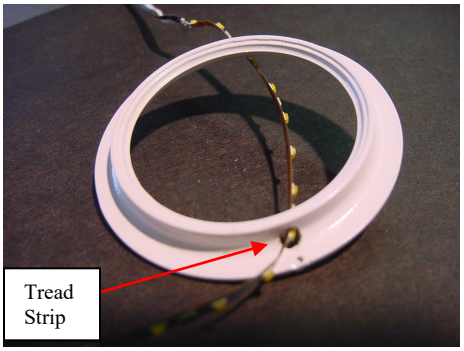
LED LIGHT STRIP DIAGRAM EXAMPLE WITH ADD ON'S:

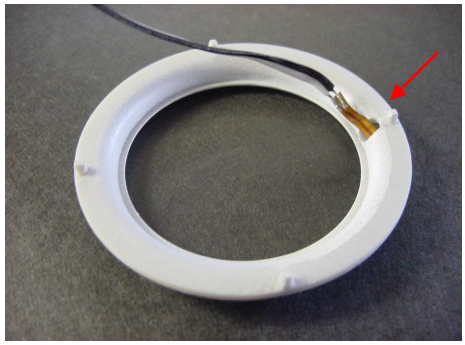


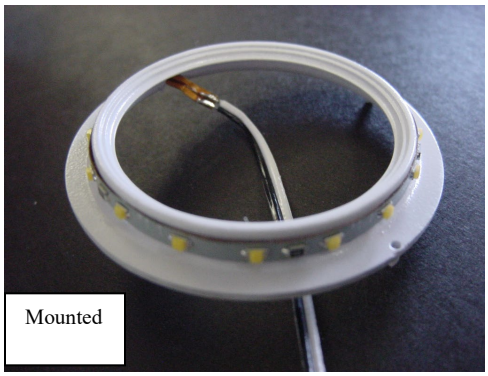
(How to Make a Wired Led)
1- Separate the two wires. Pick what color will be positive+ and what color will be negative-.
(Example) Lighter color is positive+, darker color is negative-. This will apply to any color, you make the choice.
2- Slide on two pieces of shrink tubing 1/8 - ¼ "long, Slide past area where wire coating will be striped off.
3- Strip back the protected coating and expose the bare wire, 1/8 – ¼" is about enough to wrap around the led leads. Twist bare wire together until it is a tight, stray wire or fray will get in your way later, the tighter the better.
4- Wrap wire around led leads and slide forward to led base. Solder and cut off excess leads.
5- Slide shrink tubing over soldered wire and led, heat shrink tubing to finish process. NOTE: Shrink tube all bare wire connections.

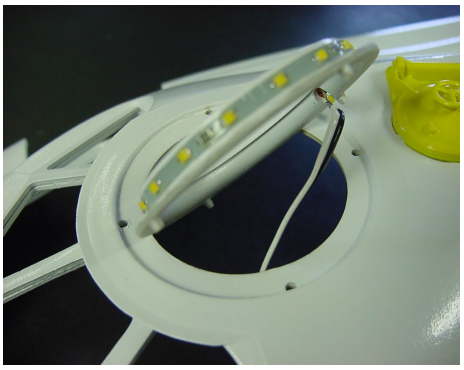


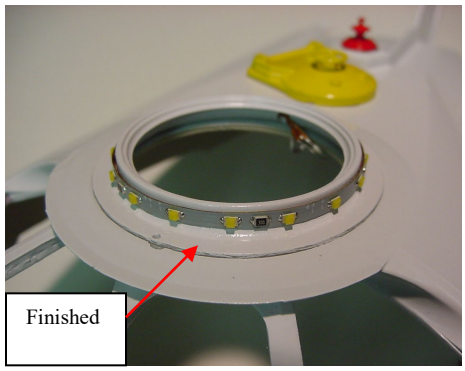

Drill
Out

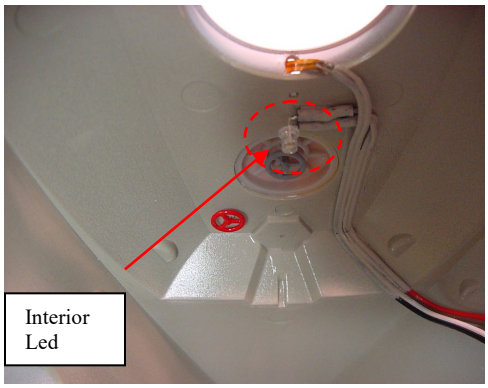

Tread
Strip

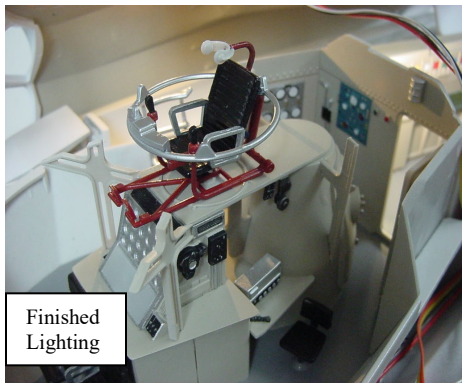


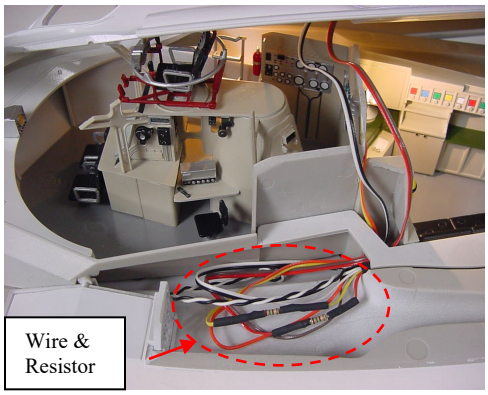

Mounted

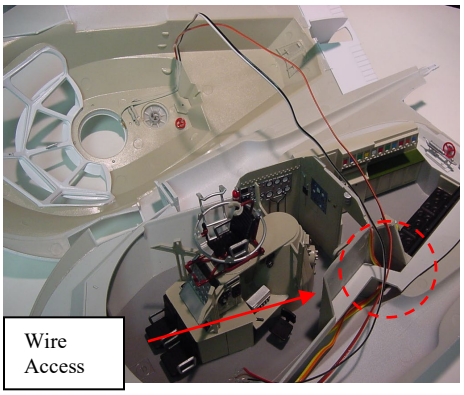


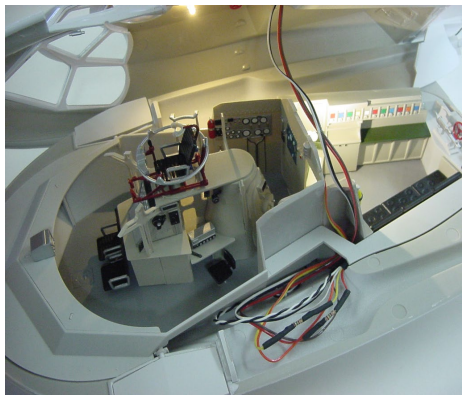

Finished

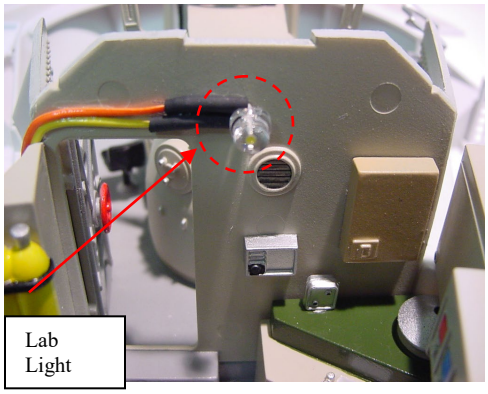

Interior
Led

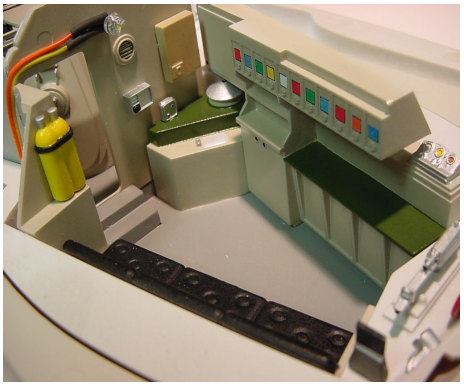

Finished
Lighting

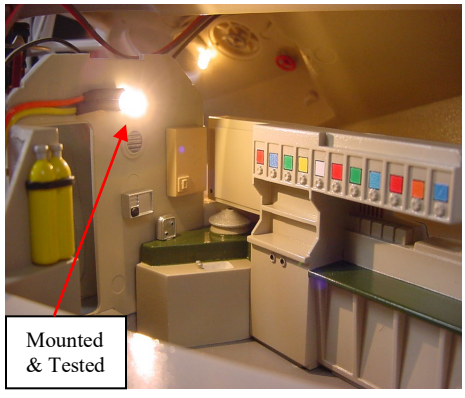

Wire &
Resistor


Wire
Access




Lab
Light




Mounted
& Tested