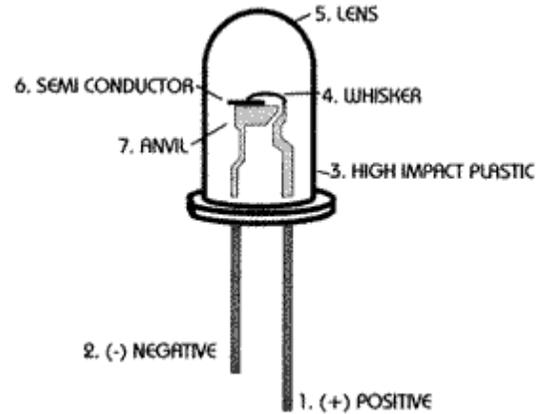


VooDooFX

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

General Led Diagram



General Starting Instructions:

- (1) Unpack lighting kit and parts.
- (2) Read instructions & study circuit board diagram.
- (3) Locate areas for circuit board, leds and battery.
- (4) Locate mounting area for on/off switch.
- (5) Prefabricate electronics as necessary.
- (6) Study model kit & building instructions.
- (7) Drill out locations for leds & wire chase ways.
- (8) Test all lighting before install and after.
- (9) Use a new 9 volt battery to test circuit board.
- (10) Never test a led direct with a 9volt battery.

Over All Lighting Layout & Components

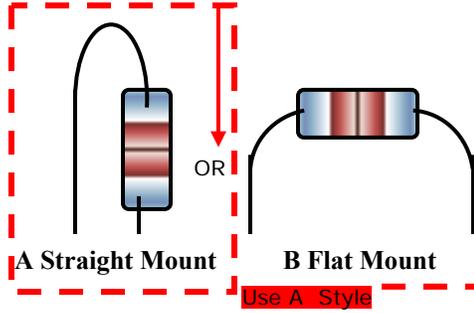


Main Head Lights

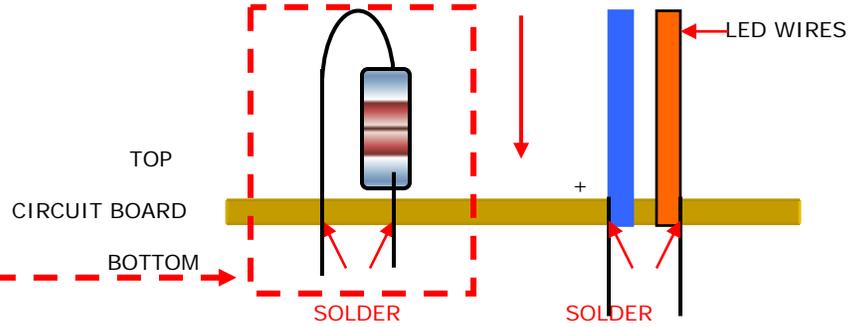


X-1-10 mm White Slot Light	
X-1-5 mm W White Center	
X-2-3 mm White Side Lights	
X-6 3 mm Hood Lights	

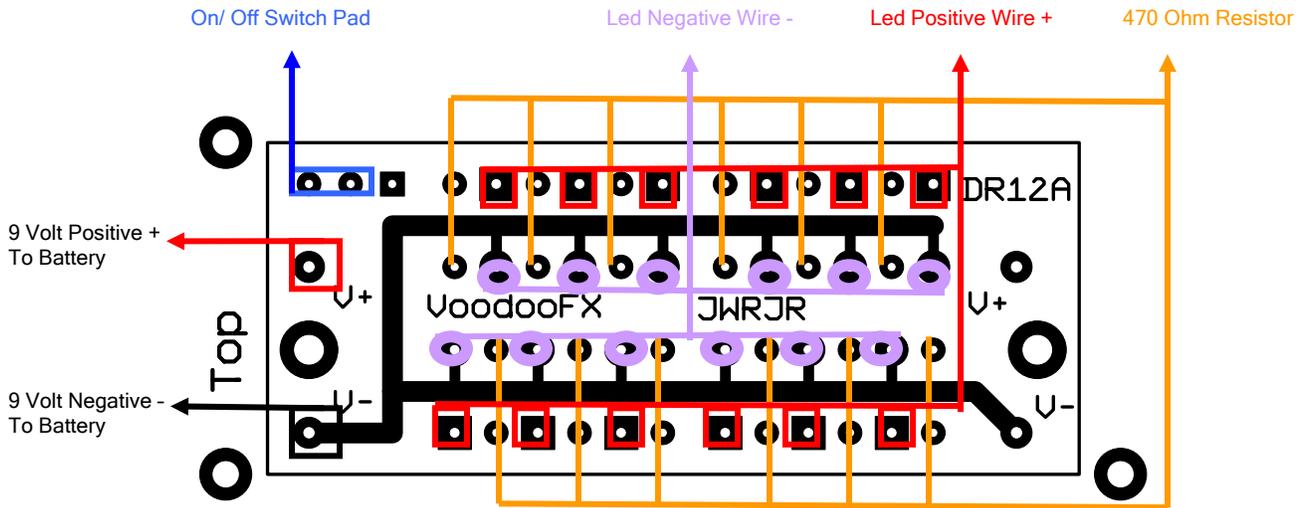
A & B STYLE PRE BEND RESISTORS



SOLDER THROUGH BOARD LIKE THIS

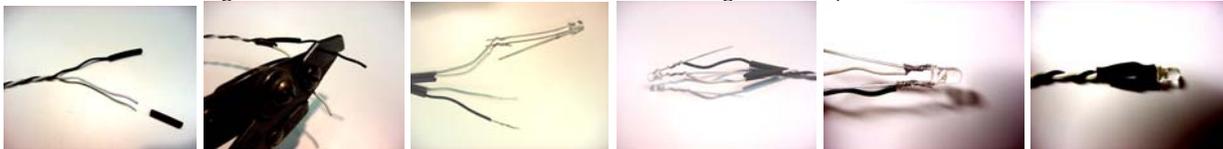


(Circuit Board Diagram)



(How to Make a Wired Led)

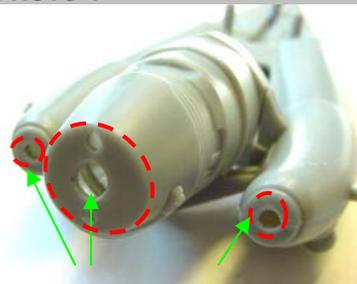
- 1- Separate the two wires. Pick what color will be positive+ and what color will be negative-.
(Example) Lighter color is positive+, darker color is negative-. This will apply to any color, you make the choice.
- 2- Slide on two pieces of shrink tubing 1/8 – 1/4 "long. Slide past area where wire coating will be stripped off.
- 3- Strip back the protected coating and expose the bare wire, 1/8 – 1/4" 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.



Tripod Instructions Ver1

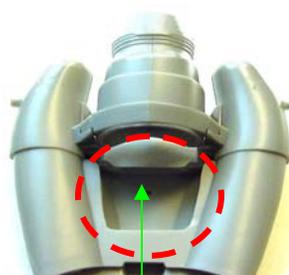
1- Start by dry fitting the large parts of the model kit together, the whole model kit can almost be pre painted and built. The mid section can be pre assembled as well, some areas will need to be wired with leds & wiring before closing up areas. Find the led marked for the three main head lights; you will need to build the two main 3 mm white side lights on the lower half part of the main body. The center light and slot light will need to be pre made and assembled mid build. See photos for areas that will need to be removed to allow for lighting of the model kit...

PHOTO 1



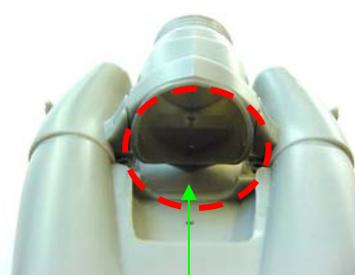
Main Head Lights 3mm

PHOTO 2



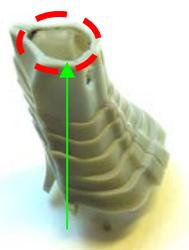
Cut out here for wiring

PHOTO 3



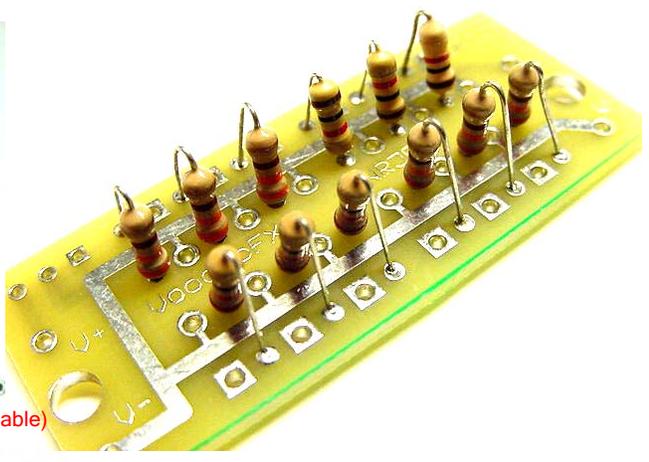
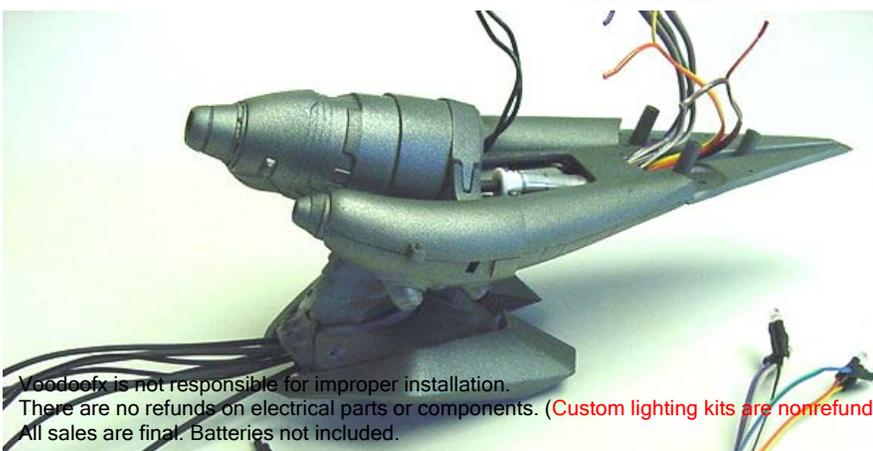
Cut out for slot light & Main Light

PHOTO 4



Cut out trunk area

2- Finish painting the entire model; Leave the main hood section open for circuit board and upper lighting. The hardest part is cutting out the slots for the generator body, very carefully use a hobby knife to start opening the slots, it's much easier to cut towards the inside edge because of how thin the outer rim is. After you have cut out the slot area you will need block out any possible light leak from both the main center light and the back slot light. Pre fabricate the two 3mm side head lights on wire and mount them in place, you will also need to drill out the three head light covers. Close the main to body half's together and run wire long into the middle part you cut out in photo 2. The main generator part and main light can be prebuilt on there own and put in later along with the build. The main generator slot light area requires a small circular piece of diffusion material cut out to evenly distribute the light through the slots; you will need to also cut a small center hole in the diffusion material for the wire to main front headlight. After all your parts are ready for install start building the mid section and neck trunk parts together, run all your wires out to the main body area leaving room to hook up wires on circuit board, mount the remain 6 led equally around the upper hood. The main driver board will be placed in the center of the hood area, hook all the lights and test before sealing the model, if you have any questions call us at 1-650-568-3400



VoodooFX is not responsible for improper installation. There are no refunds on electrical parts or components. (Custom lighting kits are nonrefundable) All sales are final. Batteries not included.

- WARNING:** To guard against injury, basic safety precautions should be observed, including the following:
1. Read and follow ALL safety warnings, instructions and notices.
 2. Do not use equipment for other than its intended purpose.
 3. Do not alter design or construction.
 4. Apply safety at all times.

- DANGER:** To prevent the risk of severe or fatal electrical shock. Always disconnect power before performing any maintenance.
5. Do not operate if power cord or plug is damaged.
 6. Electrical power supplied MUST match power requirements listed.
 7. **CAUTION:** Do not operate without proper electrical ground.