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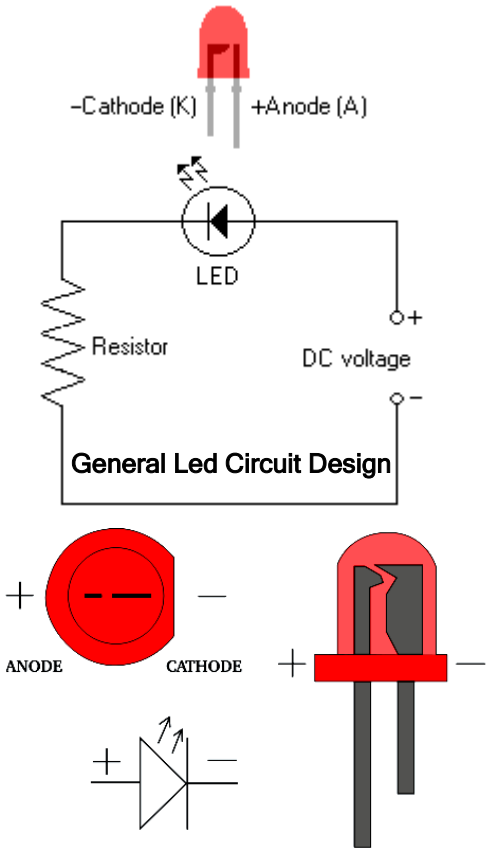
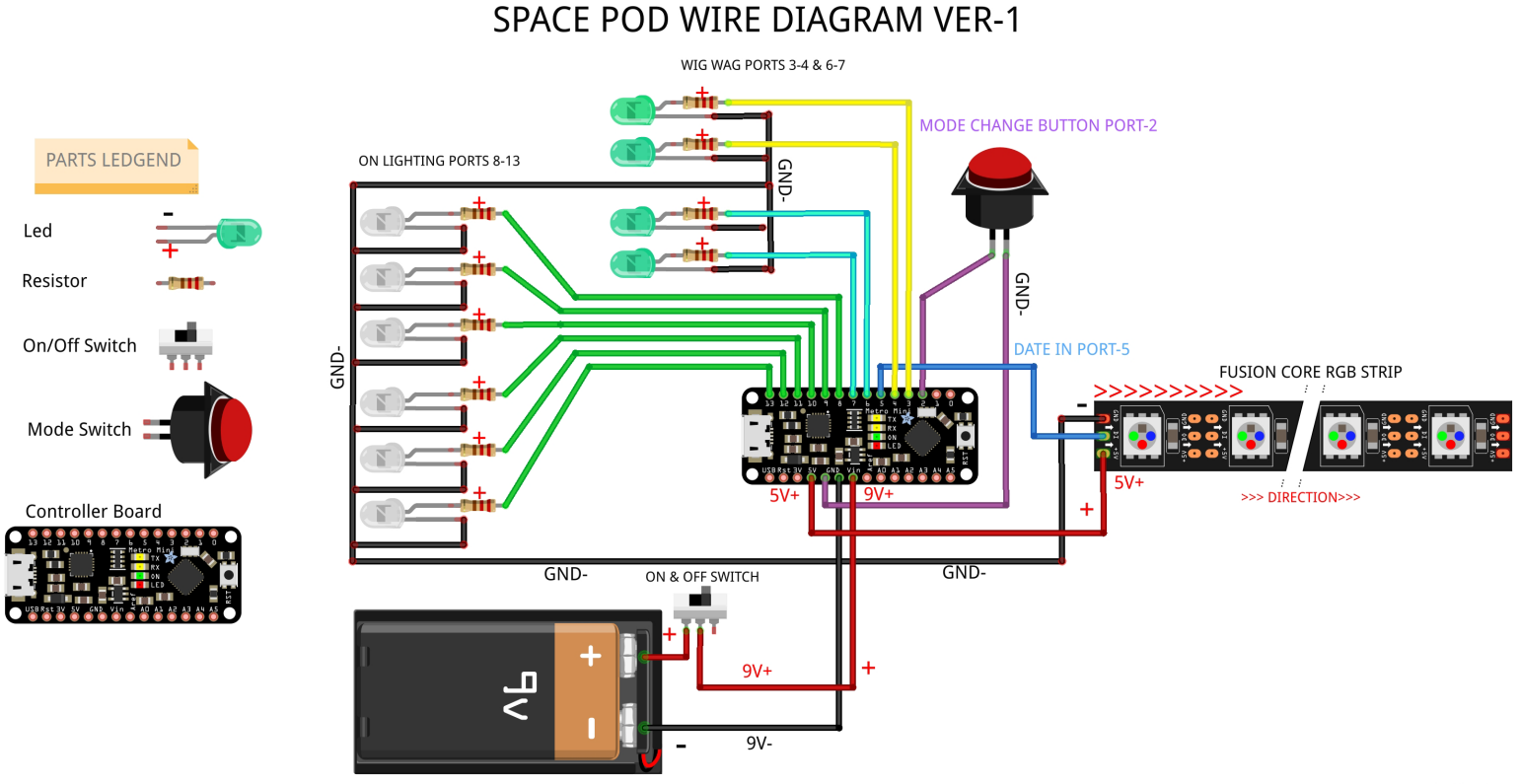
(LISSPLK-12025)



(Main Wiring Diagram Ver-1)



(General Lighting Prep)
1- Start by studying the main circuit diagram & how to wire the circuit.
2- Unpack model kit & dry fit the main body parts together, this will give a feel for the kit.
3- Locate all locations you would like to light up, look for areas for wire access.
4- Plan out routes for wiring through out the model; designate a good area for the main power.
5- Prepare a location to work on the model kit, “always wear proper safety equipment”.

(Model & Lighting Instructions Ver.1)

1- STEP-1 Start by making a small mark in the center of where the fusion core part will mount. Start the hole with a small 1/8” drill bit to establish the center, fallowed by a ½” finished hole, this only needs to be wide enough to fit 3 wires for the ribbon cable through it. See photo 1-3.

Photo 1

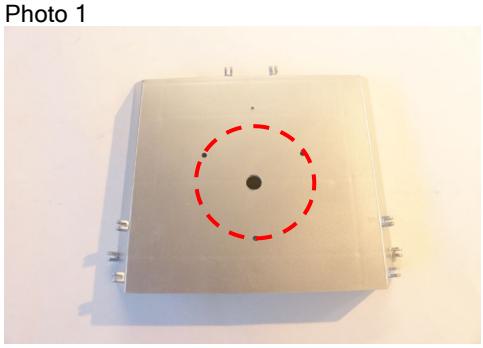


Photo 2

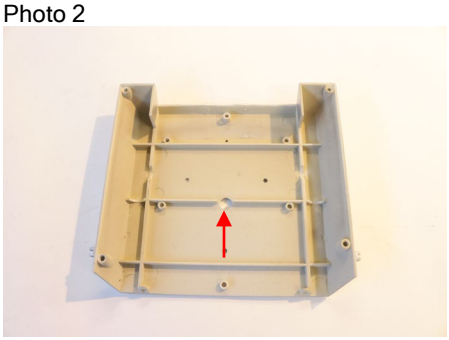
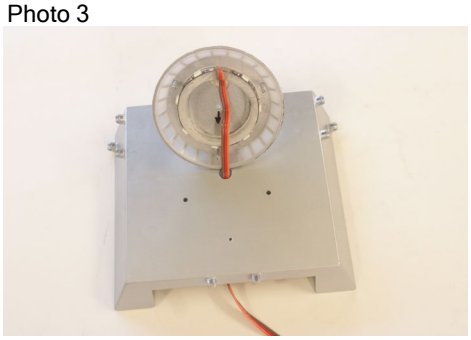


Photo 3



2- STEP-2 After completing step 1 you are ready to drill out for the front search lights, if you don’t plan on lighting the search lights disregard this step. Start by locating the search light head light covers; you will need to drill out the center portion of the cover. Be very careful drilling these head light covers out. Now make the two holes in the main front upper window body part. Use the existing alignment holes as your drill point; it needs to be a little bit bigger than the 3mm or a 3mm led in size to fit through the back side of the upper window area.

Photo 4

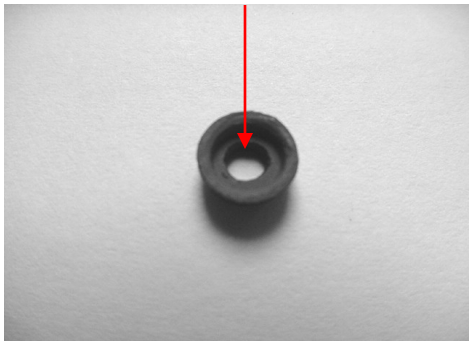


Photo 5

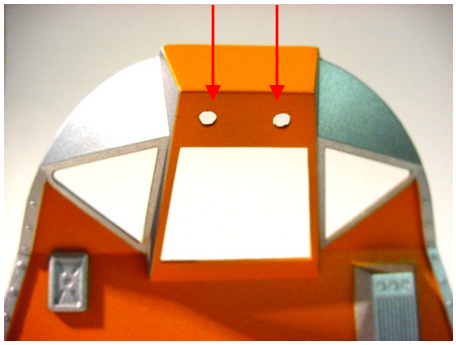
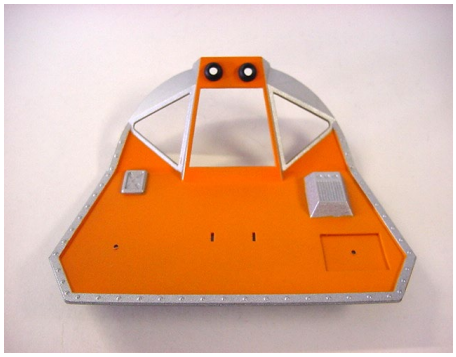


Photo 6



3- STEP-3 After completing step1-2 you are ready to prepare the main consol for the blinking wig-wag effect. Start by drilling out the 4 button light areas, it is best to use a pen to mark center of the button before drilling. Use a small pin vise to start the hole fallowed by a 3mm drill bit to open the area up to fit the led. Use the 3mm leds in the kit to gage how much you will need to fit the led into the hole firmly but not to tight. Also, you will need to scuff the led with a Scootch Brite pad to diffuse the led making look more like a button. You will need to use one resistor for each led for a grand total of 4 resistors. Each led will need to be bent at a 90-degree angle in order to fit the face plate on to the interior wall, this must be done very carefully since the leds are fragile and without being bent properly you can damage or destroy the leds. Please refer to the main wiring diagram. See photos 7-9.

Photo 7

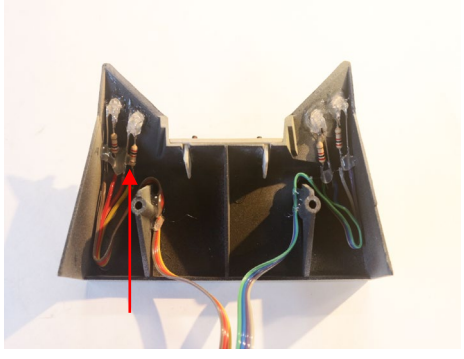


Photo 8

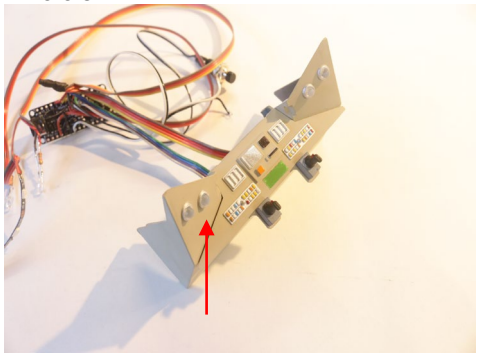
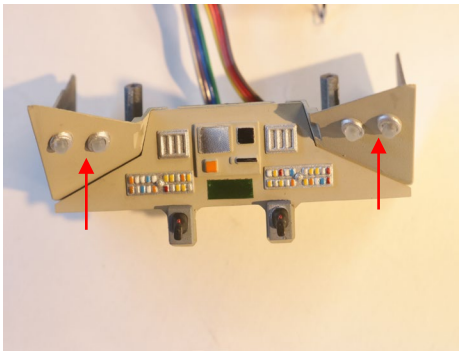
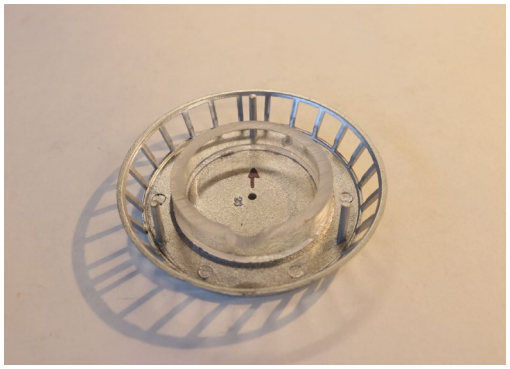


Photo 9



4- STEP-4 After completing most of the prefabrication for the lighting your ready to tighten up the wiring & and mount the main fusion core body to the base of the model. There is a mounting ring that you will need to print or use a piece of tubing to mount the leds strip on it looking out towards the core body windows. Use a scuff pad to diffuse the stock clear part that comes with kit. Send the 3 wires down through the main body and solder the strip to the wires, make sure to get the flow or direction of strip point in the right direction, revert to the main wiring diagram for direction. Turn on unit & test all the lighting before moving on to the mounting. Most of the wiring can be stuffed into main consol and make sure to pay close attention to lose wires that might get pinched when closing up the model. There is an option to just run wires up through a base & not mount the main controller board inside the model, this is a customer preference only. Refer to photos 10-15.

Photo 10



Photos 11

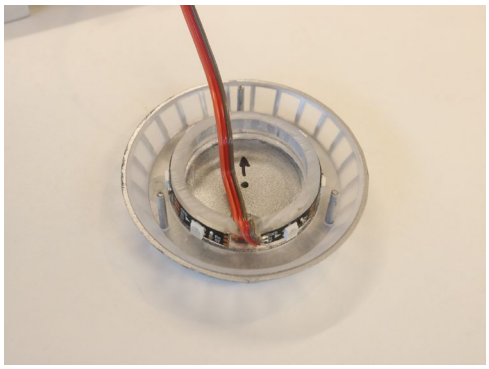


Photo 12

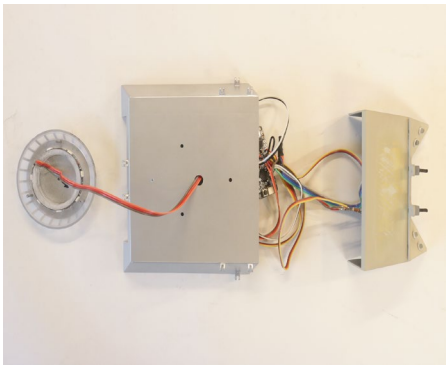


Photo 13

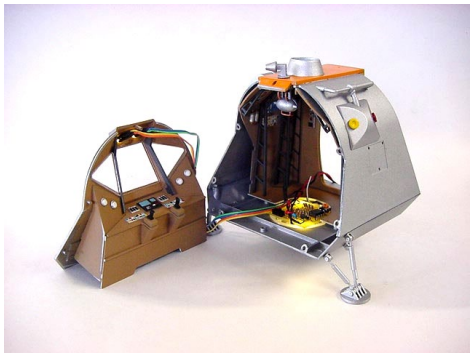
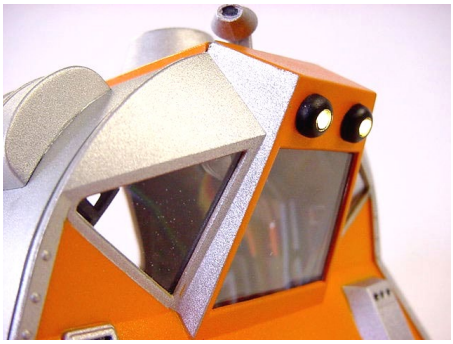


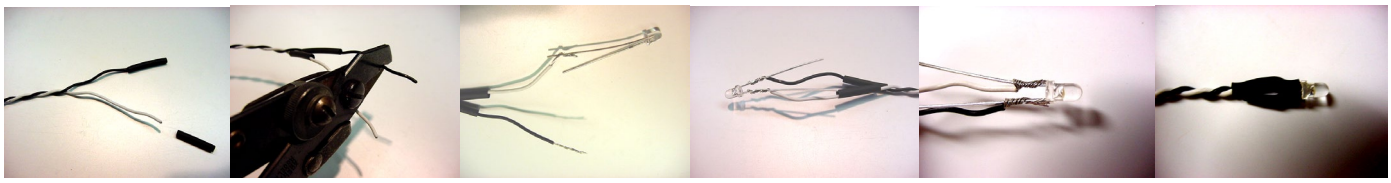
Photo 14

Photo 15



(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.



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Email fxshop@yahoo.com
Voodoofx is not responsible for improper installation.
There are no refunds on electrical parts or components.
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. 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.
GENERAL LED HANDLING PRECAUTIONS:
CAUTION: The LED can cause permanent damage to eyes at close range.
You should never look directly at the light source of the LED.
CAUTION: LEDs are static sensitive devices. Wear grounding wrist strap.
When attaching leads, the leads should be at a point at least 3mm from
The base of the LEDs. Avoid damage to LEDs by not soldering more than
3 seconds with a 700* iron. Do not use LEDs without a current limit resistor.
The forward voltage rating is typical and can very from part to part. LEDs
may work fine connected to a battery of proper voltage, other LEDs will be
over driven and destroyed! Always use a resistor in line with LEDs.
CAUTION: This kit contains small parts which may be hazardous to
children under 12 years. Adult supervision is required.