

# Swirly Sheep Instructions

## 1. Unpack your Kit

Each kit has the following items included:

- 1 Battery
- 1 Battery Holder
- 2 Yellow, 3mm LED
- 2 Green, 3mm LED
- 2 Blue, 3mm LED
- 3 Red Wires
- 6 Blue Wires
- 3 470 ohm Resistors
- 2 Wood Screws
- 1 Ornament



#### 2. Screw screws into holes

Give each screw about 3 twists. You don't want them falling out but you want to keep enough room to wrap wires around them.



#### 3. Place first 2 LEDs

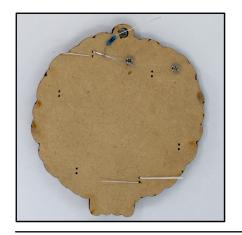
All LEDs get the same resistor value so you can choose where you want each color LED. \*Note: you will want the long leg of the LED to go through the top hole and the short leg to go through the bottom hole on each LED. Once the LEDs are through bend the legs to secure.

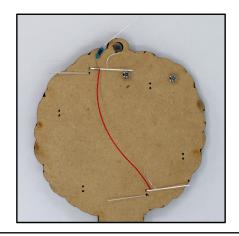


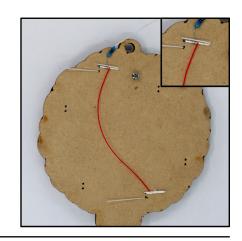


#### 4. Attach the Resistor and Red Wire

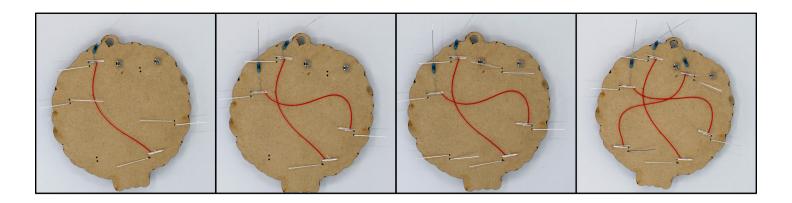
Wrap the resistor around the long leg of the LED closest to the screw. then wrap the red wire around the same leg. Once both are attached bend the leg over to secure. Wrap the other end of the red wire to the long leg of the other LED. Once wire is attached bend leg over to secure.







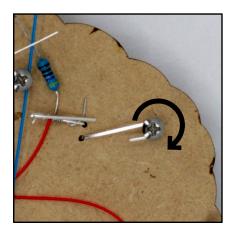
## 5. Repeat Steps 3 & 4 with the remaining LED colors

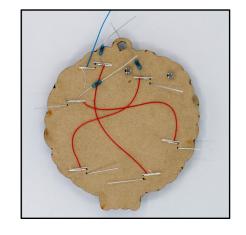


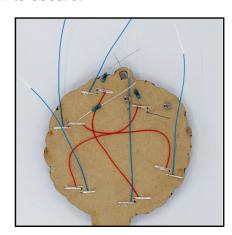
# 6. Attach blue wires to short LED legs

\*Note: We found it easier to wrap the LED leg closest to the screw on the right around the screw and not use the blue wire. An extra blue wire has been included in your kit if you wish to use it.

Wrap the blue wire around the leg. Once wire is attached bend leg over to secure.

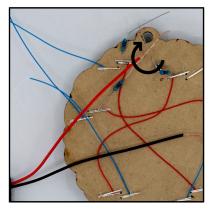


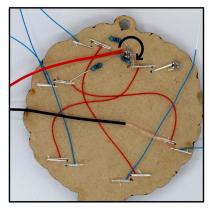




## 7. Attach Positive battery wire & resistors to screw

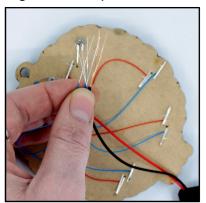
Take the red wire on the battery holder and pull off the insulation. You should see a cut in the insulation, pull from there to expose wires. Gather the 3 resistors and battery holder wire and twist together. Wrap around the screw about 2 times. Tighten screw to secure wires.

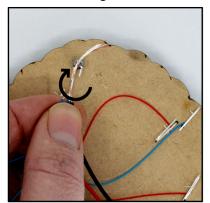


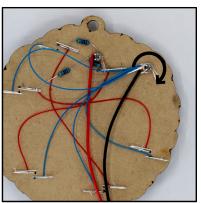


## 8. Attach Negative battery wire and blue wires to screw

Take the black wire on the battery holder and pull off the insulation. You should see a cut in the insulation, pull from there to expose wires. Gather all the blue wires and battery holder wire and twist together. Wrap around the screw about 2 times. Tighten screw to secure wires.







# 9. Place Battery in Battery Holder & Turn On!

The battery holder has an ON and OFF switch. The battery sits in the battery holder with the "+" facing up. It is held in place once the battery holder is closed. You did it! Turn on and enjoy the dazzling display of LEDs!





Questions? Need help? Contact us at info@alpenglowindustries.com

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