

Frog Bubble Toy

By: GRIP's Toy Adaptation Team

Average Time: 1.5 Hours

Supply List:

- Toy
- Small Screwdriver
- Soldering Iron
- Solder
- Wire
- 1 Button
- Single Button Stand
- Hot Glue Gun

Caution: This manual uses drills and soldering irons. Make sure you review the safety guidelines before using these devices to prevent injury. GRIP is not liable for any injuries/damage caused.

Procedures:

1. Carefully remove the toy from its packaging.
2. Find where the battery pack is and remove any batteries.
 - a. The battery pack is on the underside of the frog toy. Unscrew it and remove carefully. Make sure that no batteries are in the battery pack.

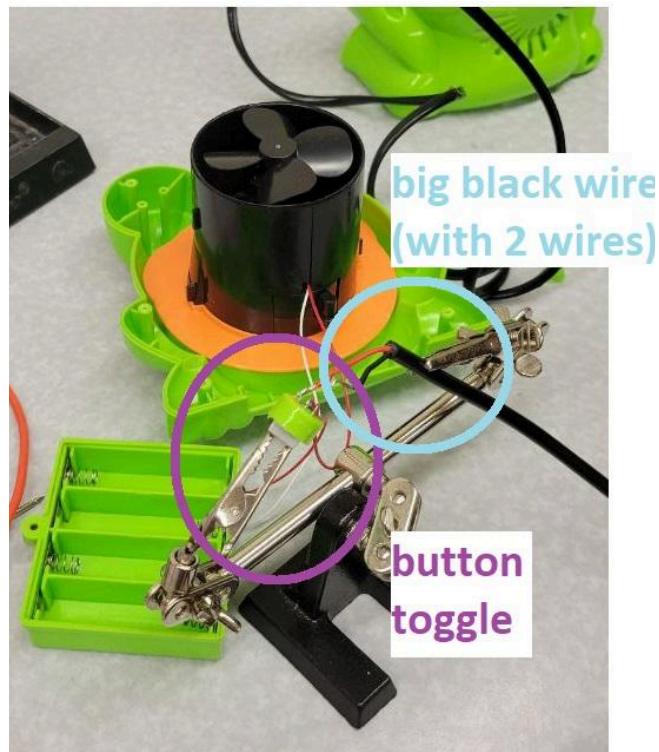


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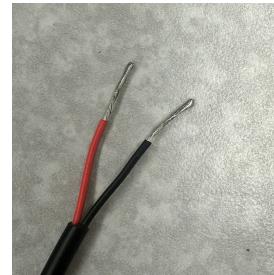
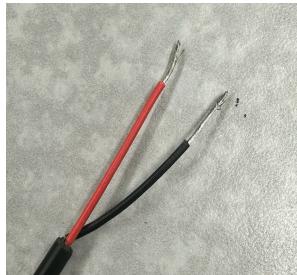
3. Remove all 6 screws from the frog's body and carefully pull apart by taking off the outer shell (see picture for screw locations). Ensure that the battery pack is also removed.



4. Remove the button toggle from its original slot in the body. Prepare a big black wire bundle (a wire with 1 small black wire and 1 small red wire) to solder.



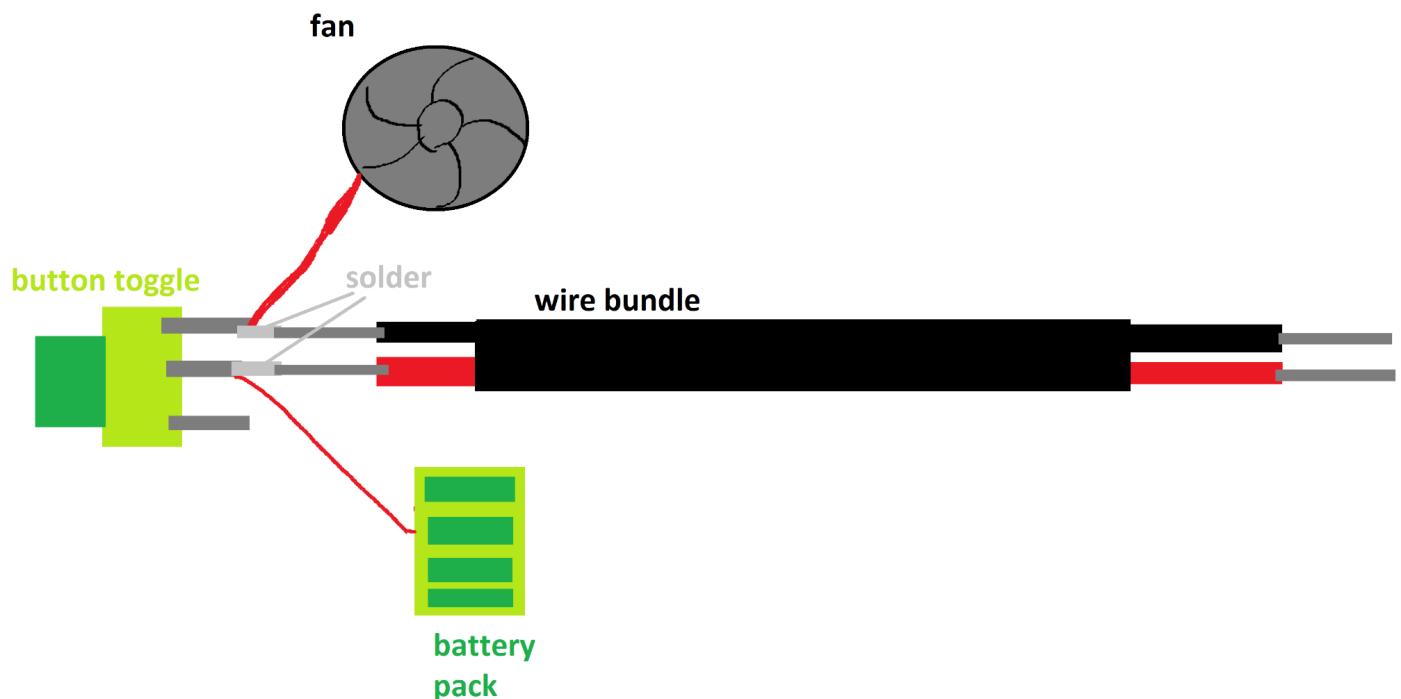
5. Tin (apply a small amount of solder) the ends of both wires on both sides.

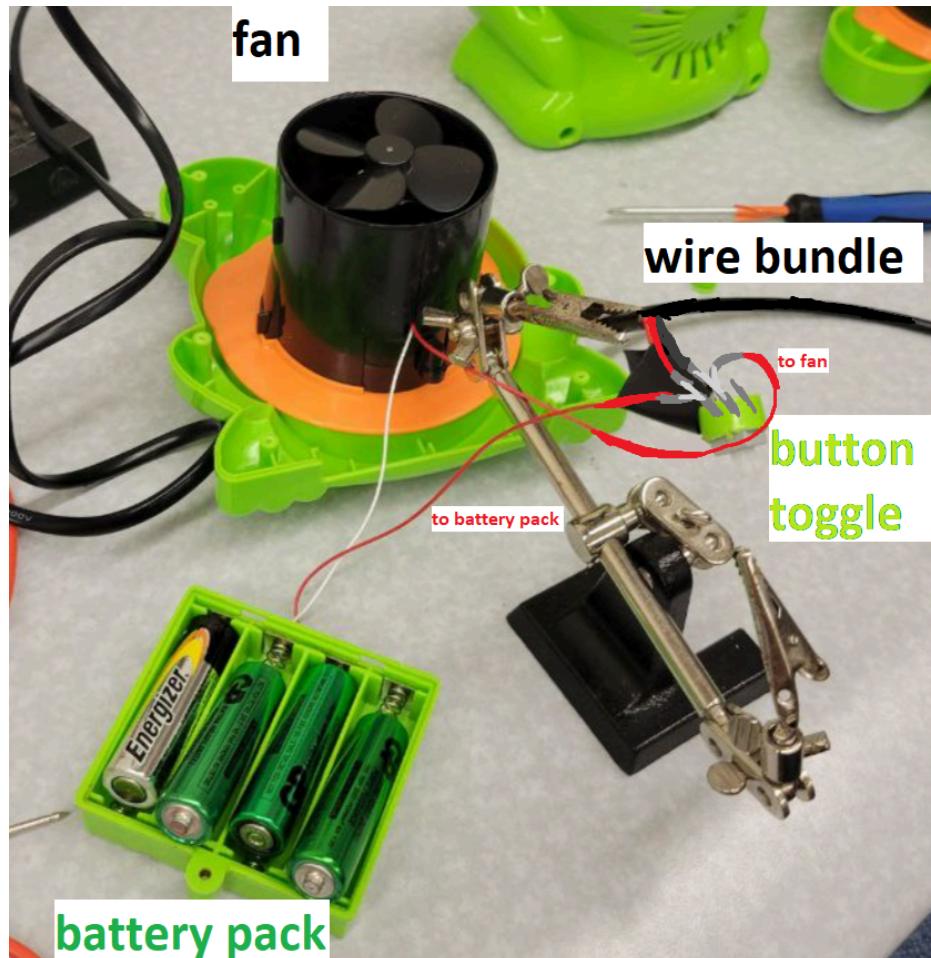


6. A. The button has a metal pin with a small red wire connecting to the fan; solder the small black wire (from the wire bundle) to that pin (see drawing below).

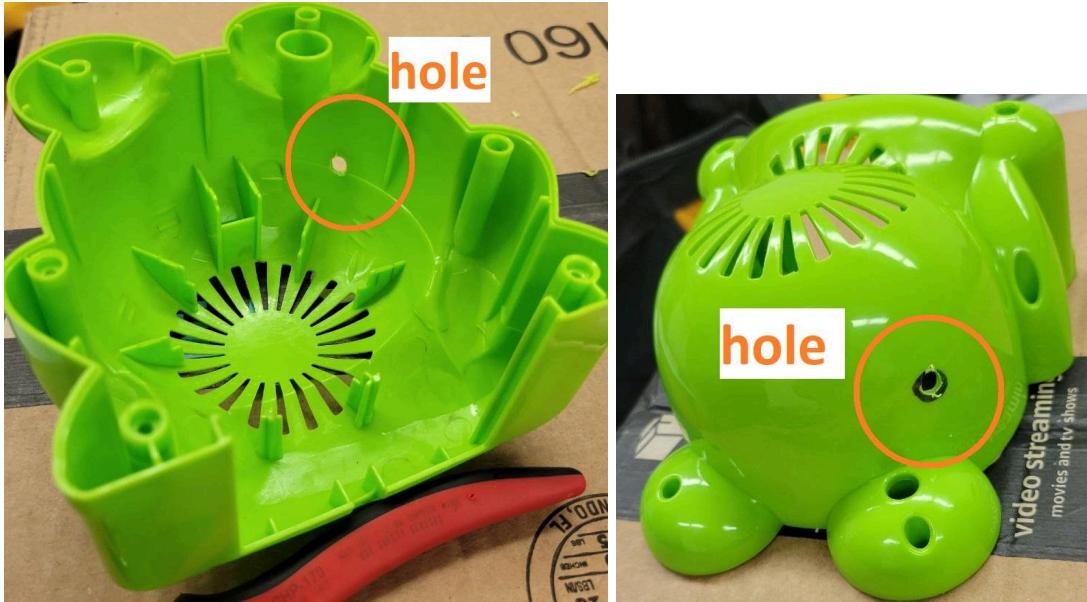
- B. The button also has a different metal pin with a small red wire connecting to the battery pack; solder the small red wire (from the wire bundle) to that metal pin (see drawing below).

Make sure that these soldered connections do not touch. If they are too close together, wrap one of these soldered connections with electrical tape.





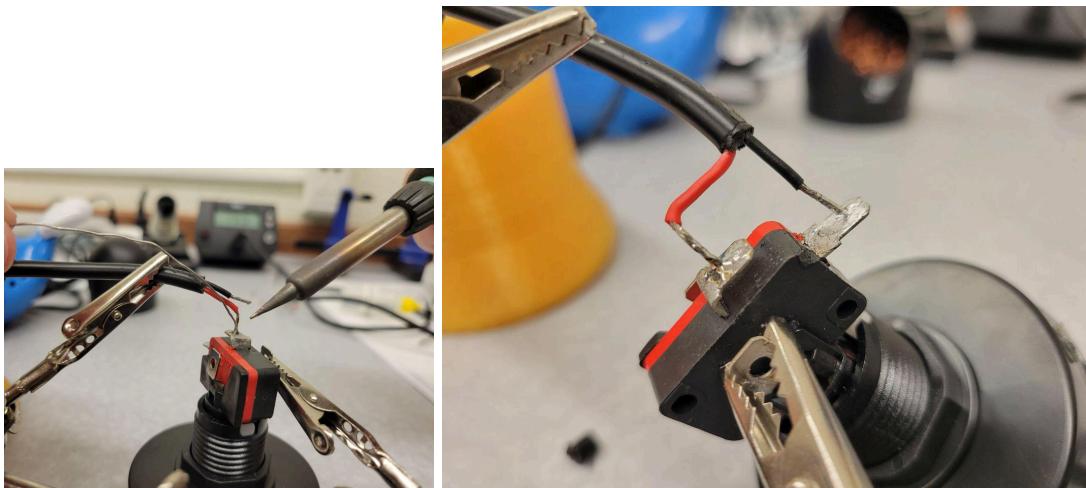
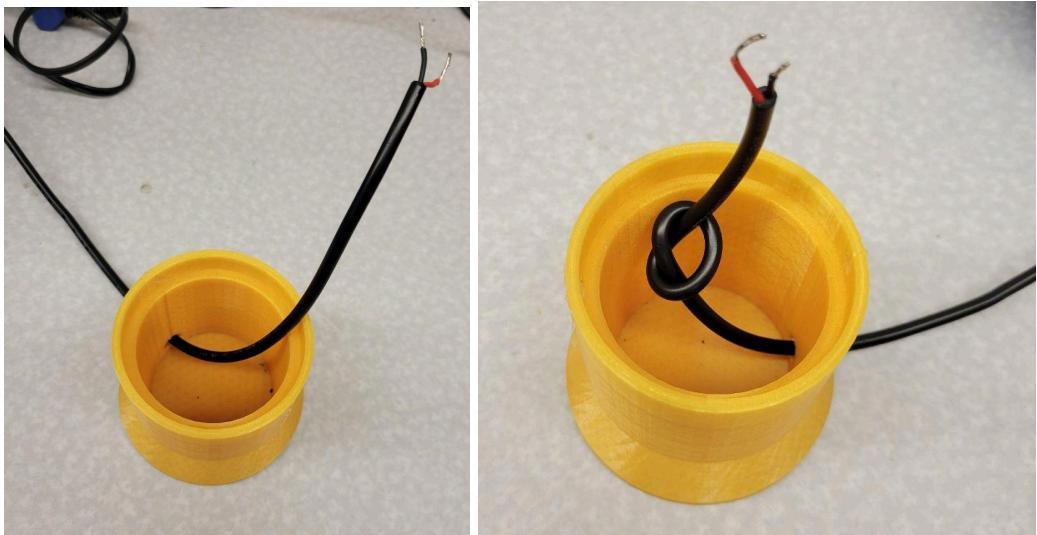
7. Test the solder connections by placing batteries in the battery pack and touching the two exposed metal wire ends of the wire bundle together. If done correctly, the fan will turn on. Once you are sure this works, remove batteries.
8. Bring the toy to the drilling station and have them drill a hole into the location indicated below.



9. Place the toggle button back in its original slot. Connect and secure the fan to the orange plate (the fan may need to be twisted slightly into place). Thread the wire bundle through the hole in the outer shell. Connect the outer shell back to the main toy body and screw in all screws.

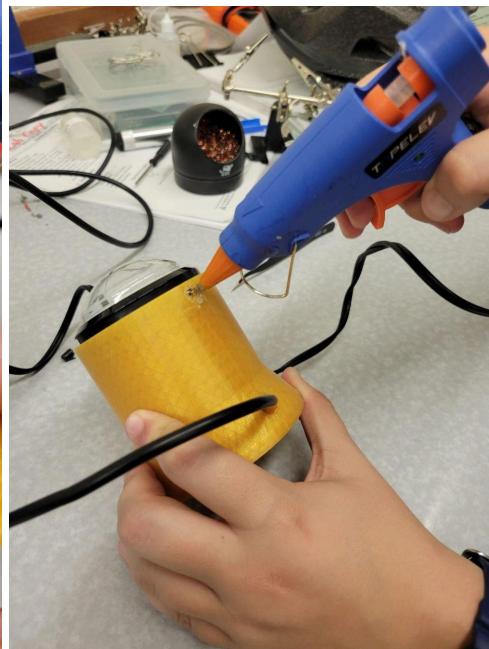
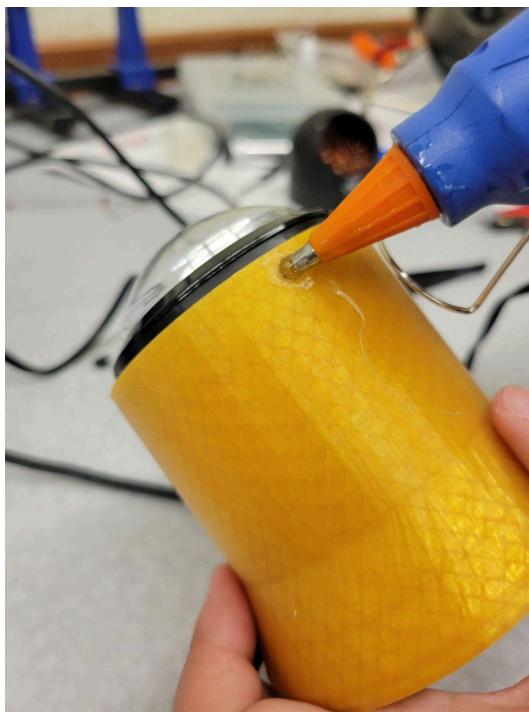


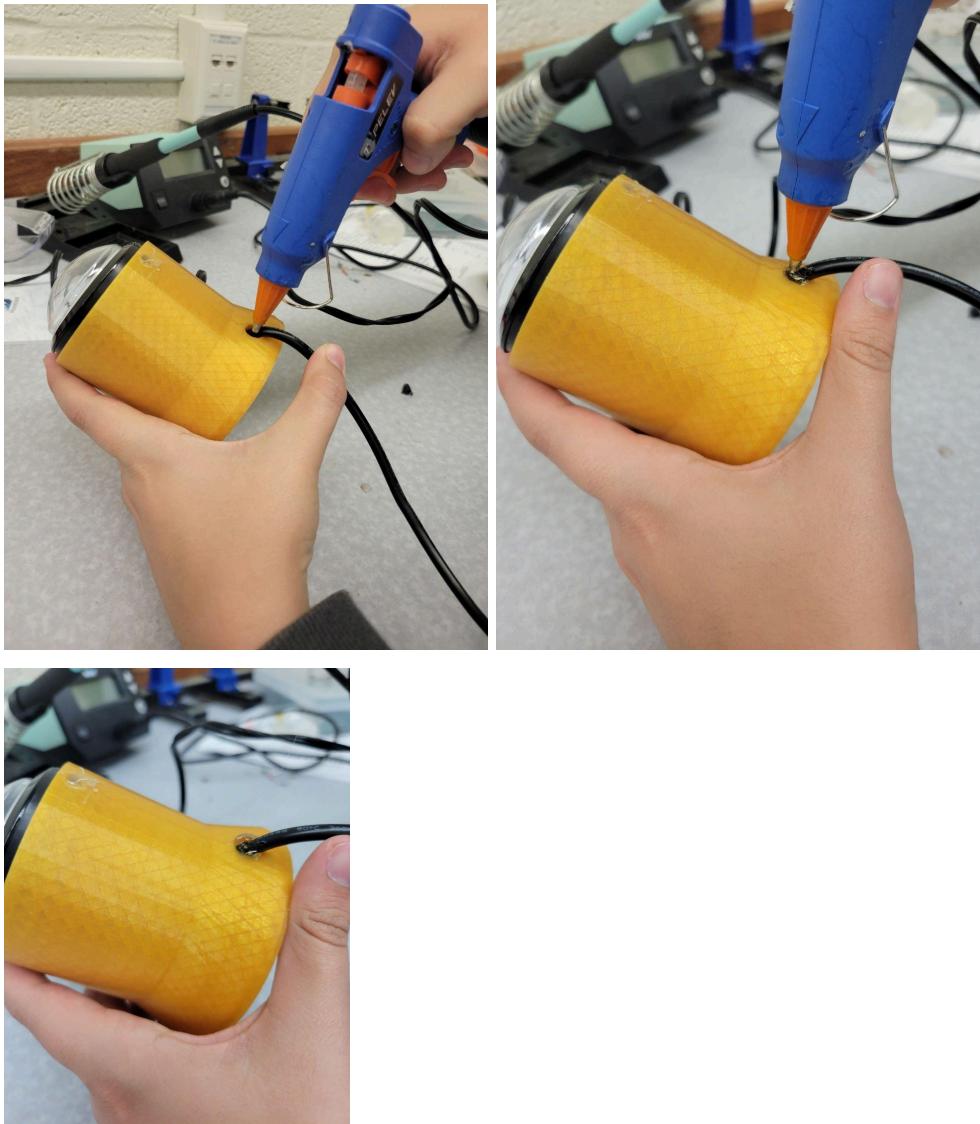
10. Thread the wires through the hole of the button stand and tie a knot in the middle of the wire that is inside the stand. Make sure that no batteries are connected. Then, solder both of the wires to different ports of the same button as shown below. You will need 1 button.



11. Test the buttons. If they work, insert the button into its stand and add hot glue into the top holes so that they will stay in place.

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12. Remove the batteries from the remote/toy before packaging it up.

13. Enjoy your adapted Frog Bubble Toy!