



# Octopus Bubble Toy

By: GRIP's Toy Adaptation Team

Average Time: #

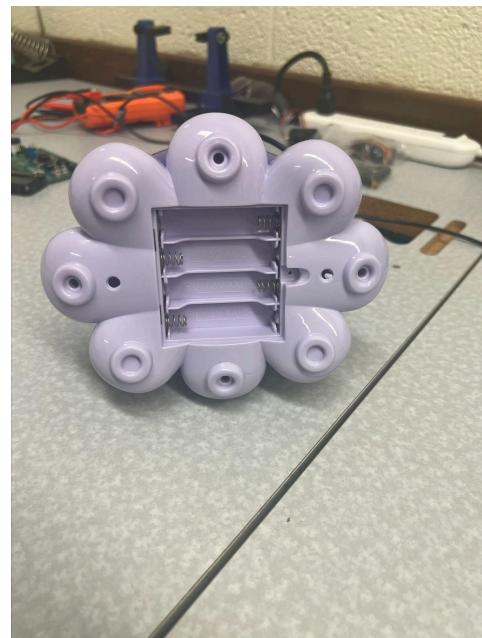
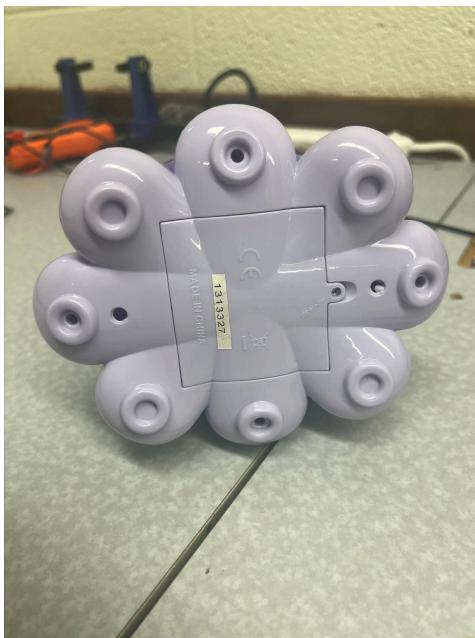
Supply List:

- Toy
- Small phillips head 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 batteries are located at the bottom of the toy- you will need the phillips head screwdriver to remove the cover.





3. Unscrew the back panel of the toy using the screwdriver.

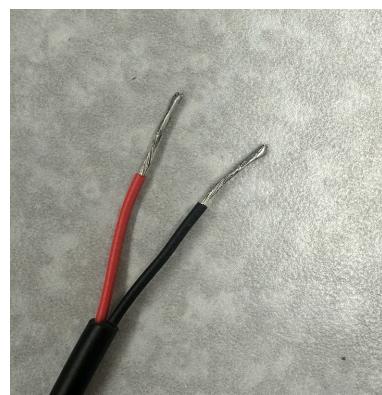




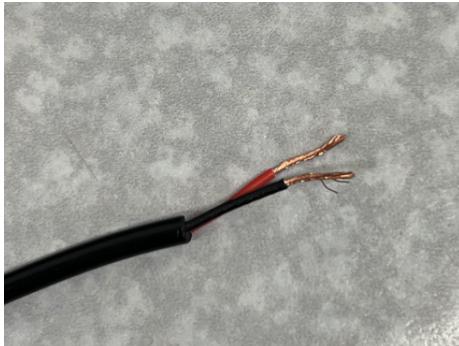
4. Take off the back panel and take out the button (it is connected to the two red wires). Now we will begin soldering!



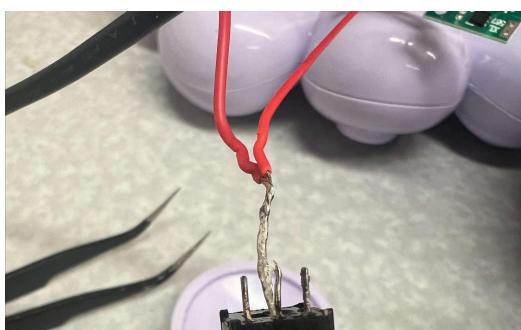
5. Get a stripped wire and tin (apply a small amount of solder) the ends of both wires on both sides.



6. Put the button in the alligator clip to hold it in place.
7. Unsolder the wires from the button that are connected to the base of the toy.



8. Twist the end of each wire to each desoldered end of the button wires.
9. Solder the twisted wires to the two center prongs on the button (as seen below).





10. Place the switch back into its original position.



11. Drill a hole in the back center of the toy.





12. Pull the unsoldered ends of the wire through the drilled hole.



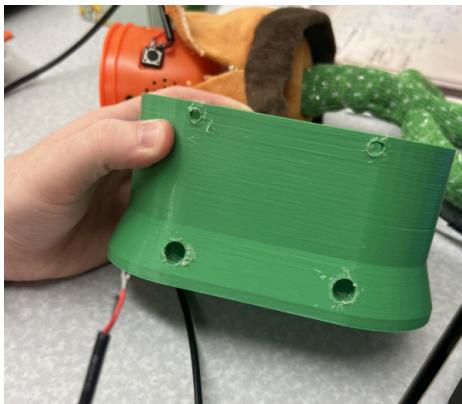
13. Screw the cover back on.



14. Test the toy by putting the batteries back inside and touching the ends of the unsoldered wire together.



15. If it works, get a single button stand, a large button, and the unsoldered end of the wire you soldered to the push button on the toy.



(This is a double button stand, but it is the same concept).

16. Pull the wire through the bottom hole in the button stand.





17. Tie a knot in the wire so that it can't be pulled out.



18. Line up the wires to the terminals on the button and pull each wire through. Then, solder the wire to the terminal.





19. Do a pull test on the wires to make sure they are soldered enough to the button.

20. Place the button in the stand.



21. Test the toy with the button.

22. If it works, use hot glue to glue the button into the hole and glue around the wire in the small holes on the side.

23. Enjoy your adapted Octopus Bubble Toy!



