



Dinosaur Bubble Toy

By: GRIP's Toy Adaptation Team

Average Time: #1 hour

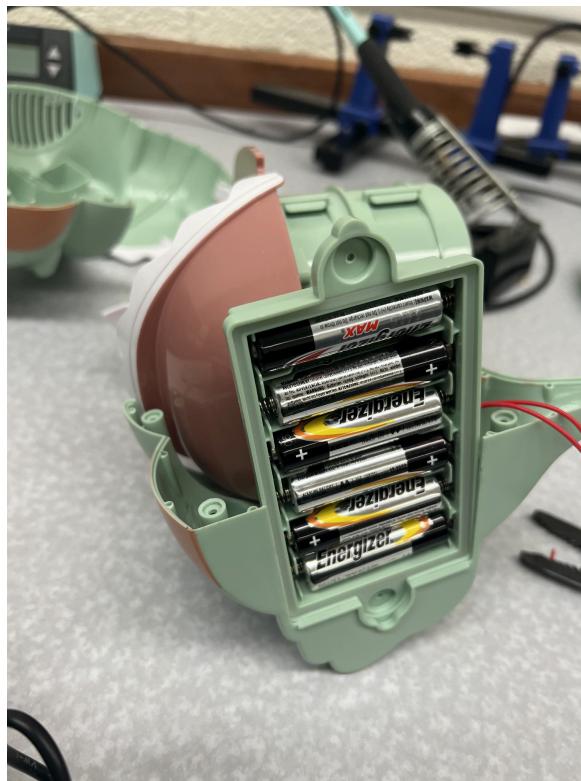
Supply List:

- 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. Use the screwdriver to remove the panel at the bottom of the dinosaur
3. Remove the batteries from the bottom of the toy.

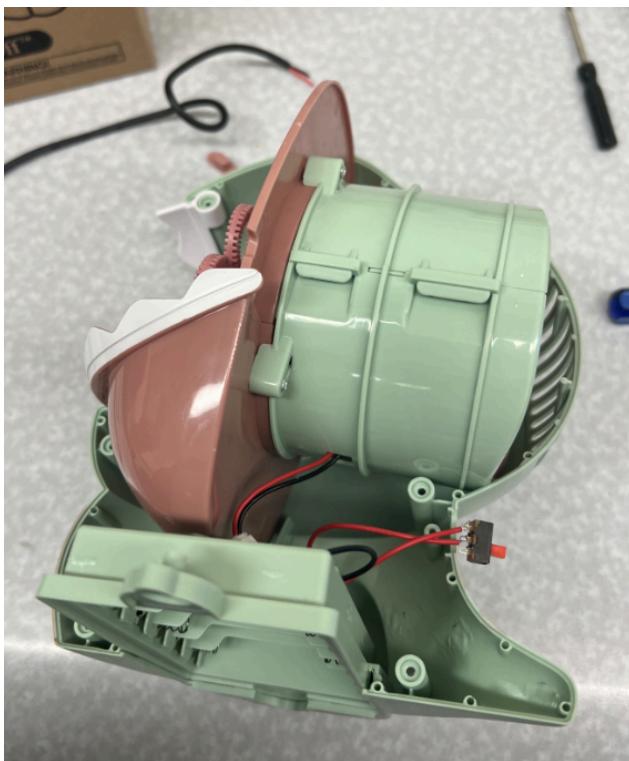




4. Use the screwdriver to remove the screws from the left side of the toy. You'll probably need a long screwdriver for some of them:)

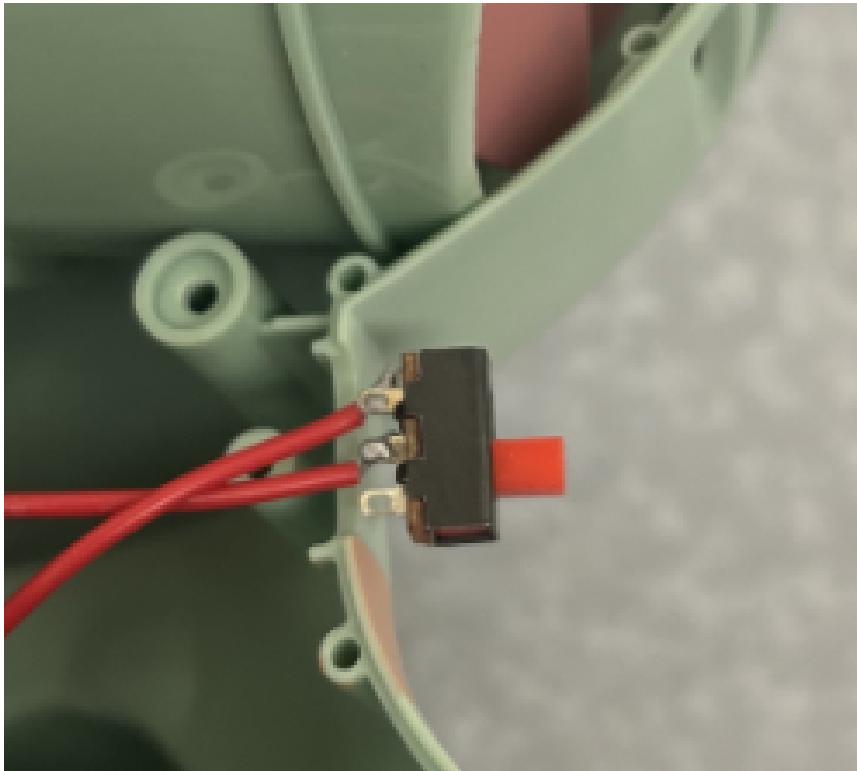


5. Remove the cover of the dinosaur and put it on its side.

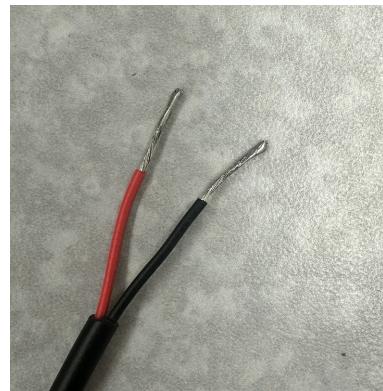
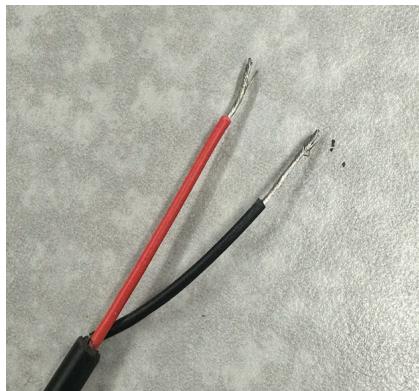




6. Find the switch beneath the fan and take off the pink cover of the switch. It should look like this.

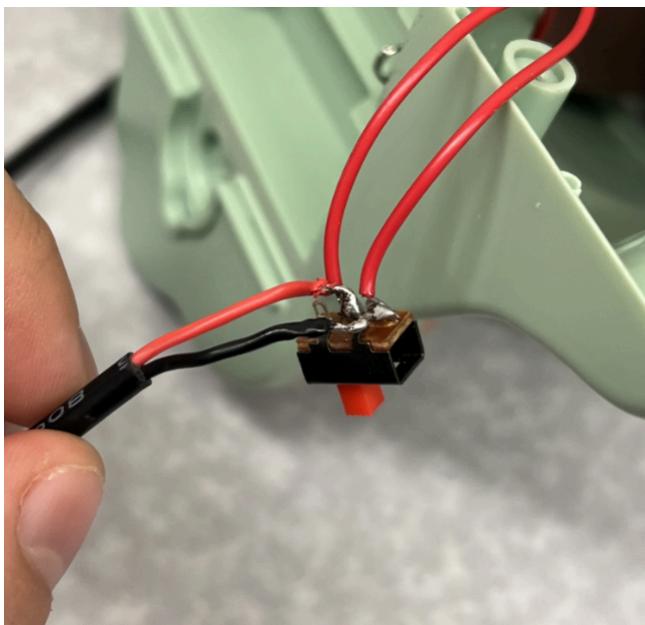


7. Now we are going to solder! Grab a wire and turn on your soldering iron.
8. Tin (apply a small amount of solder) the ends of both wires on both sides.





9. Solder each wire onto the wires on the switch.



10. Do a pull test to make sure the wires stay.

11. Put the batteries back in and touch the other ends of the wires together to make sure that the toy works.

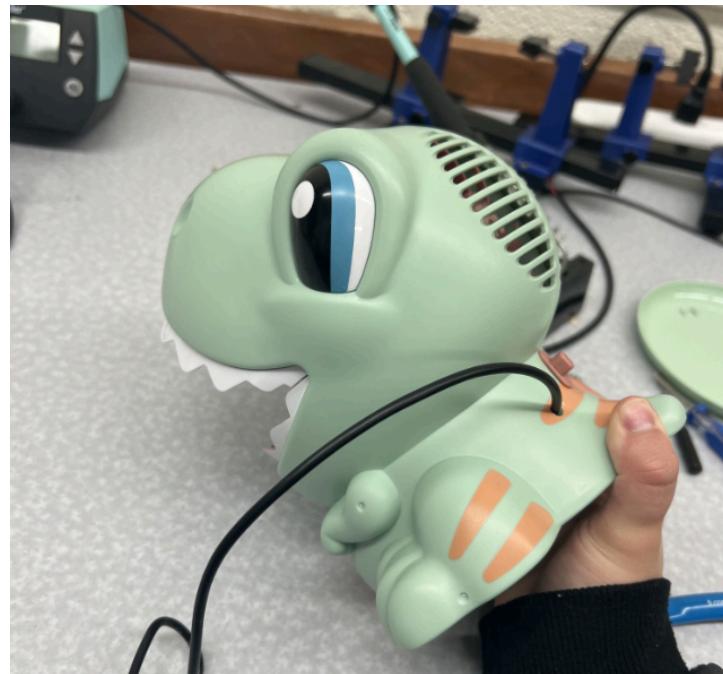




12. If it works, take the batteries out and put the pink cover of the switch back onto the switch.



13. Pull the other end of the wire through the hole in the cover of the toy and close the toy.



14. Screw the toy cover back on.

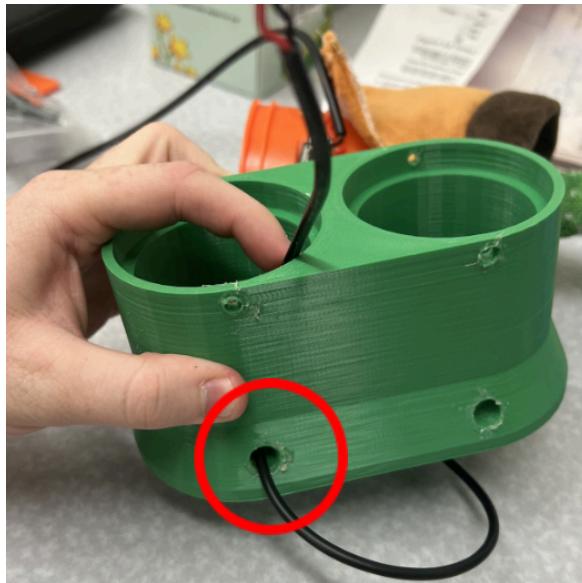


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15. Now we will solder the button on!
16. Get a single button stand, 1 arcade button, and the unsoldered end of the wire you soldered to the push button on the toy.



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



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



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





20. Pull on the wires to make sure they are soldered enough to the button and won't detach.

21. Place the button in the stand. Use a **one button stand**, this picture is to demonstrate how to place the buttons.



22. Test the button. If it doesn't work, reach out to a mentor.

23. If they work, add hot glue into the top holes so that they will stay in place.



24. Test the button one last time:)

25. Enjoy your adapted Gator!

