

DANCING CACTUS MODIFICATION INSTRUCTIONS

Toy: [DANCING CACTUS](#)

You will need:

- 2x 5" 22 AWG wires
- 1x in-line 3.5mm switch jack (with pigtail wires)
- 1x 14" zip tie
- Soldering iron with solder
- Small Phillips screwdriver
- Wire cutter & stripper
- 3x AA batteries

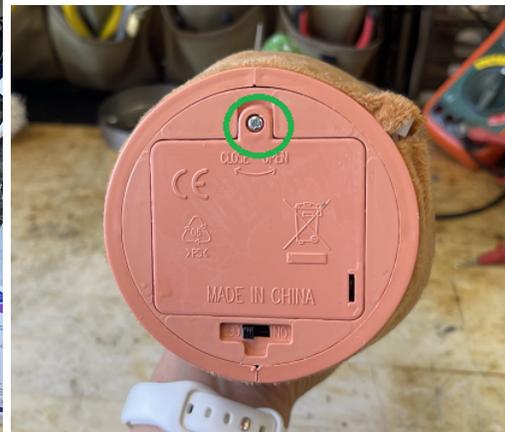


TWO VERY IMPORTANT FIRST STEPS!!!

- Open the packaging very carefully, so you can repackage it nicely to deliver to a kid as a gift. (No one wants a new toy in a torn up package for the holidays!)
- Test the toy to be sure it works properly BEFORE attempting ANY modification! Unmodified broken toys can be exchanged for working toys.

Steps:

1. Remove 1 screw on the bottom of Dancing Cactus to reveal the battery case.

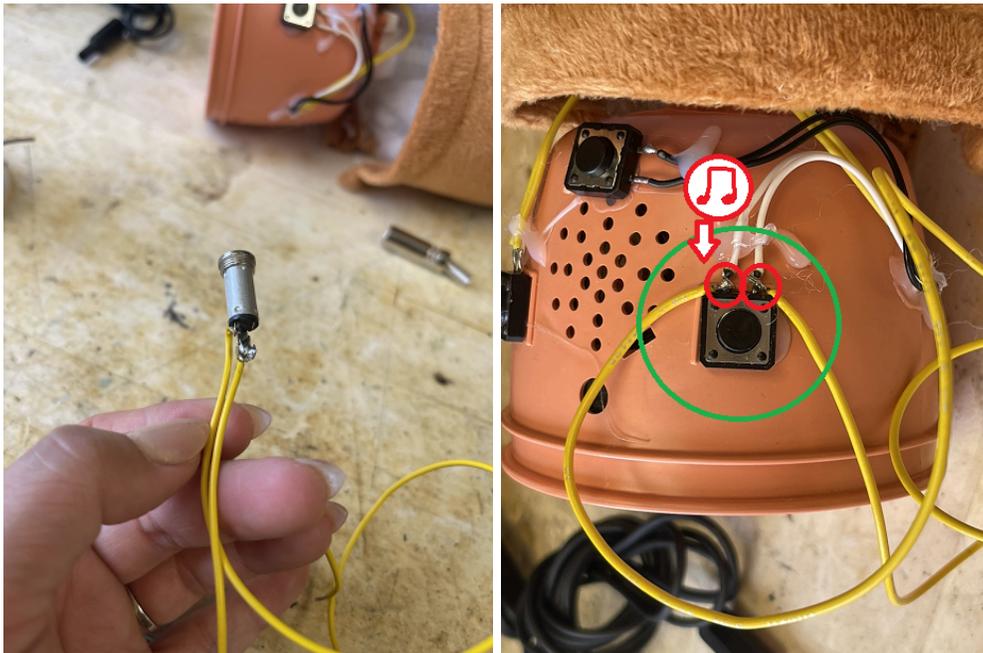


2. Insert 3 AA batteries into the toy & test toy for proper function (toy should mimic voice at baseline, music button should make toy dance and play music, volume button should cycle through volume levels)
3. To get to the wiring of the toy, pull about the seam of "pot" of Dancing Cactus

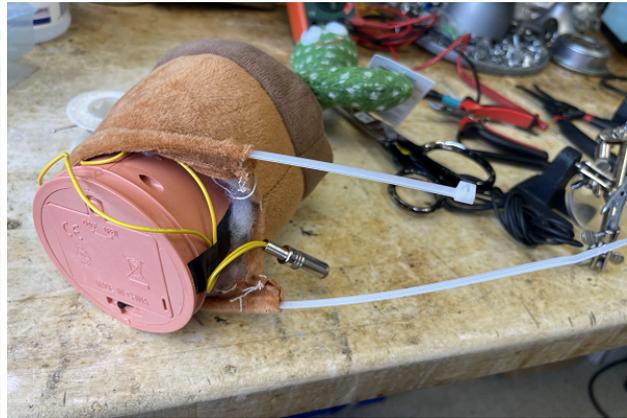
- Cut the zip tie holding the “pot” together.
- Lift the Dancing Cactus “pot” to find the internal switches. (You will be modifying the music switch on the bottom right, next to star in photo below)



- Get a pigtailed in-line 3.5mm switch jack.
- Solder the 2 wires of the in-line jack on top of the wires coming out of the music button



8. Tape the new wires down onto the toy to prevent pulling the wire off of the solder joints after assembly
9. Feed a new zip tie through the bottom of the Dancing Cactus "pot"



10. Align the "pot" back to its original spot so that each embroidered icons align with the internal switches correctly.
11. Tighten the zip tie until the sewing seam is as closed as possible.
12. Test the modified toy with a switch, and you're done!



Thank you for using your maker skills to create fun toys for students in our community. Your work is very much appreciated by Tinkered Toy Box and, of course, by the students that will find joy in playing with this toy and build skills that will be useful throughout their life.



Giving the Gift of Play