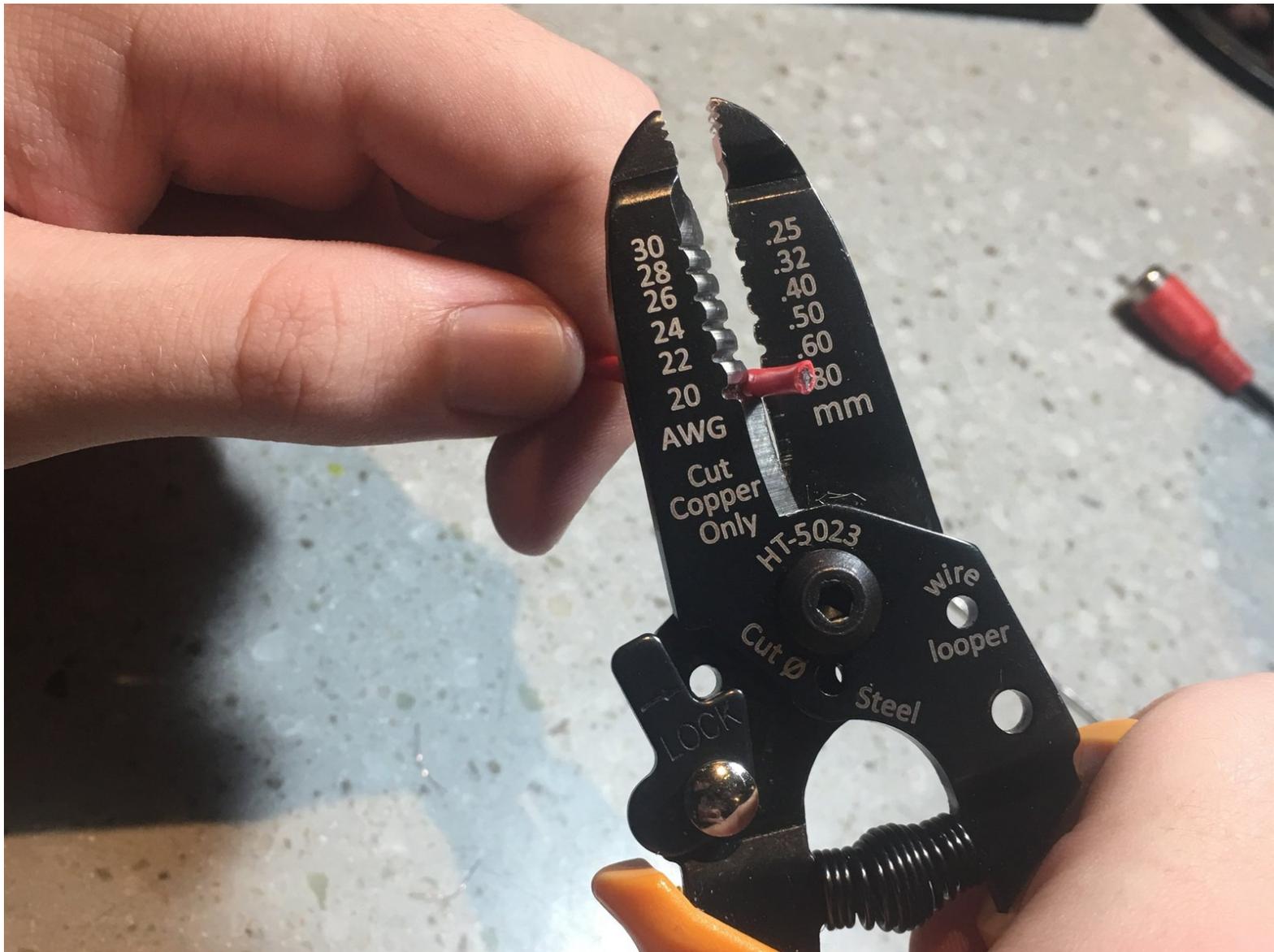




Frisby 5.1 Surround Sound FS-5000 BT Audio RCA Male Plug Replacement

How to remove plastic and a male RCA plug from a female RCA port. How to solder a replacement male RCA plug.

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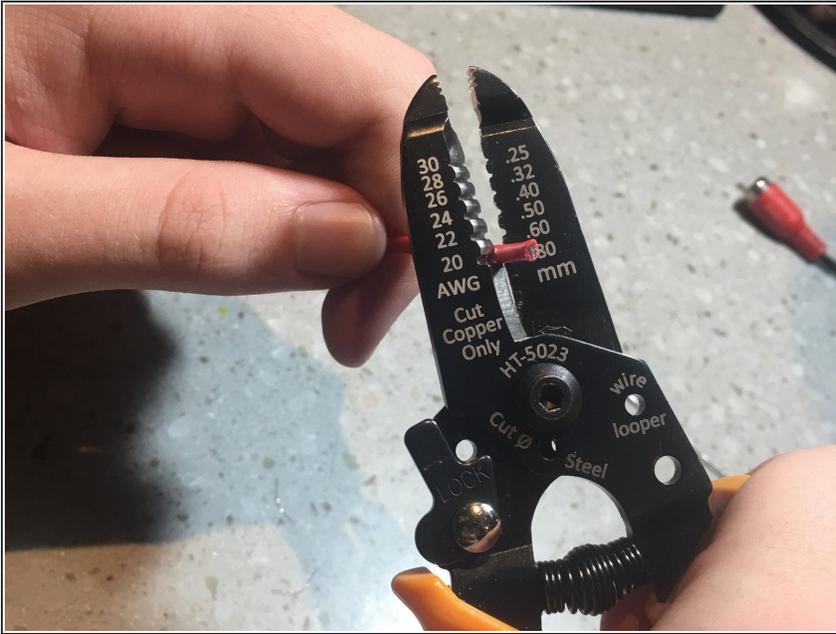
INTRODUCTION

Male RCA plugs can easily break off inside of a port if the cable is stepped on or if it is removed by pulling on the cable, instead of the head. This tutorial shows the removal process of a stuck pin.

TOOLS:

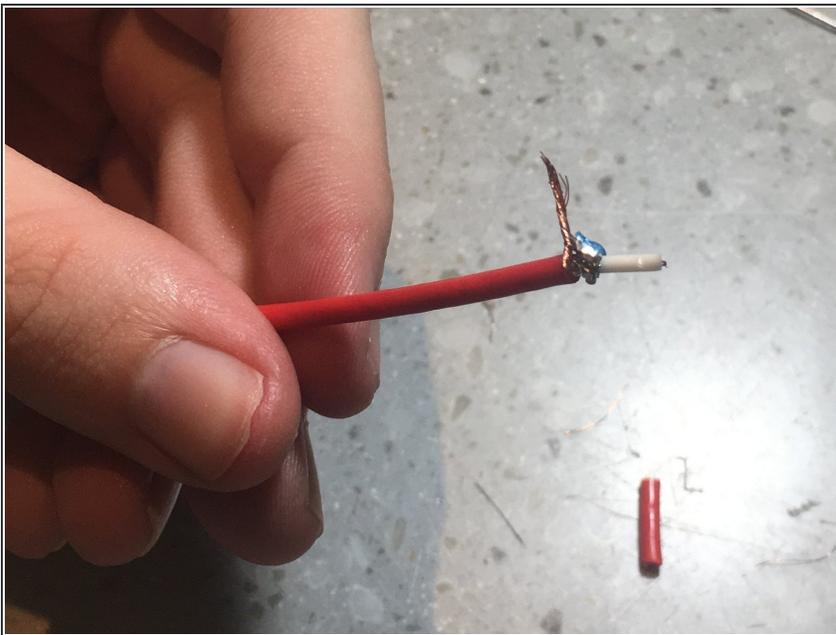
- [Lighter](#) (1)
 - [Flush Wire Cutters](#) (1)
 - [Wire stripper/crimping tool](#) (1)
 - [Heat Shrink Tubing Assortment](#) (3)
 - [Portable Soldering Iron](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Torque Wrench](#) (1)
 - [Hammer](#) (1)
 - [Heat Gun](#) (1)
 - [Solder](#) (1)
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Step 1 — RCA Male Plug



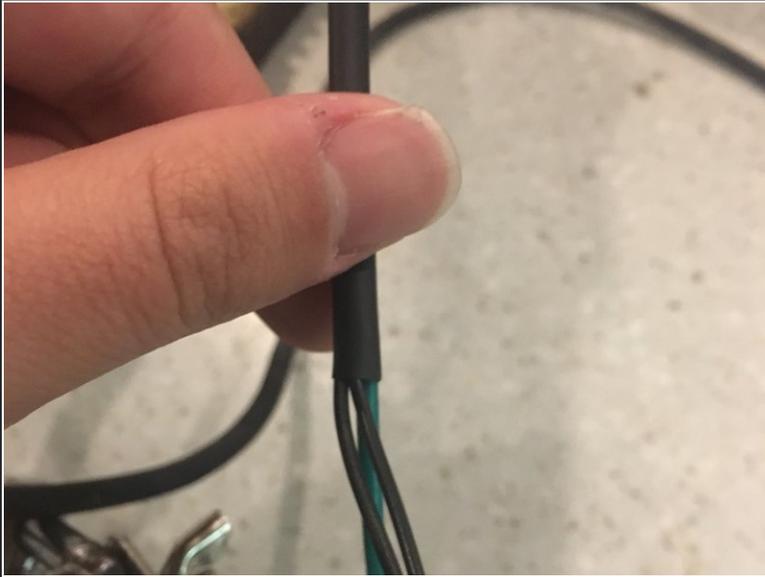
- Using wire cutters cut the wires and strip 2 centimeters of sheathing from the ends.

Step 2



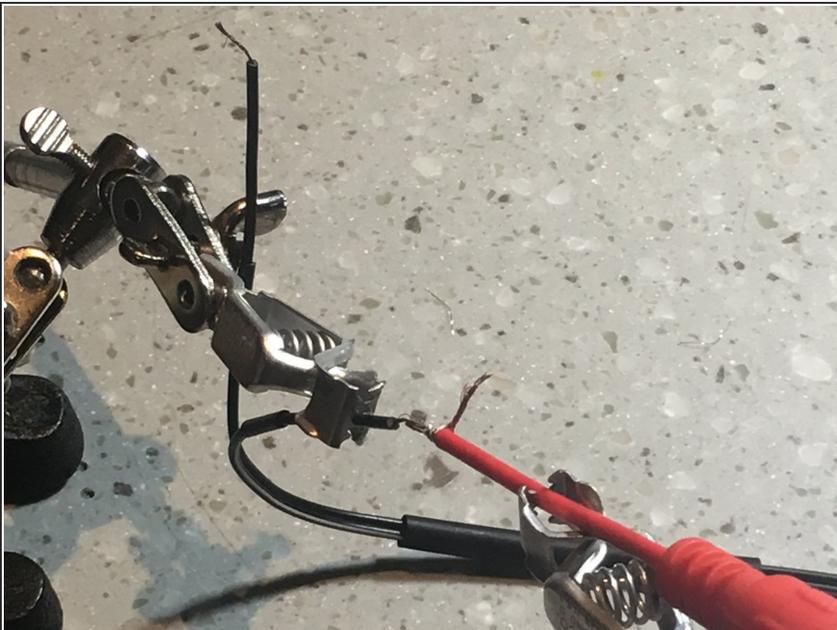
- Peel the shielding from the wiring to expose the two separate wires.

Step 3



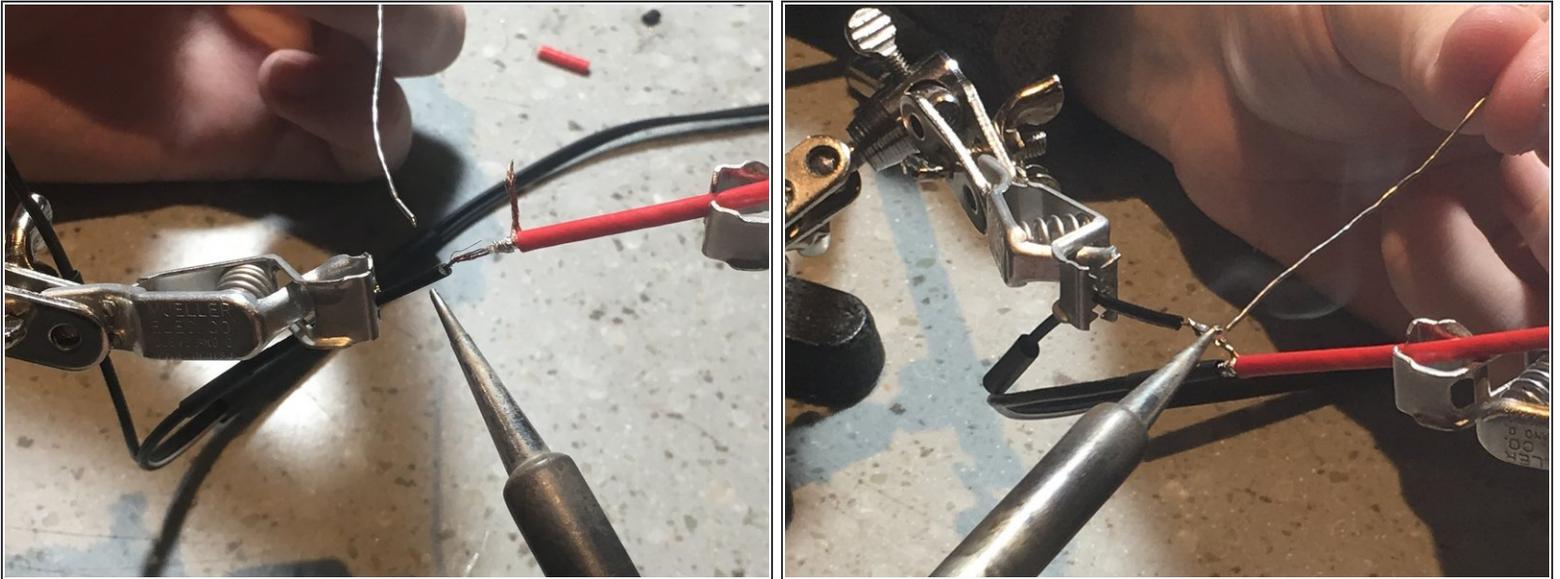
- Place 2 - 3 inches of thicker heat shrink tubing over the main wiring.
- Place 2-3 centimeters of a thinner heat shrink for the individual wiring, where the plastic sheathing was trimmed.

Step 4



- Connect the wires and hold them in place.
- ⓘ Due to the lack of complex electronics in the speaker, as long as both wires have a connection, the speaker will work.

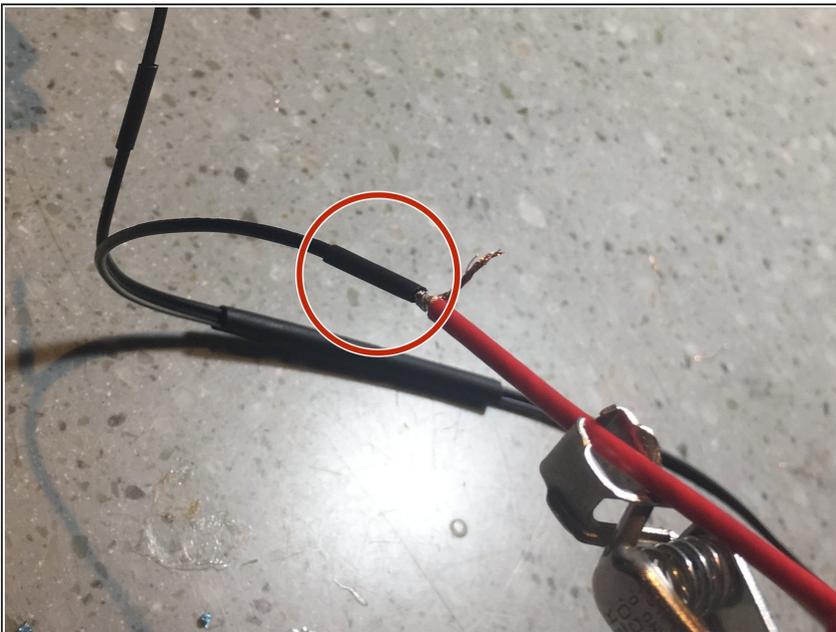
Step 5



- While the two wires are connected, place the solder metal over the wires.
- Bond the wires together by pressing the soldering iron over the solder, until the solder covers where the wires connect.

 Do not to touch the soldering iron or the melted solder until they cool for a few minutes.

Step 6



- Cover the exposed wires with the thinner heat shrink tubing.

Step 7



- Use the heat gun to shrink the tubing around the connected wires.

 Hold the wires with a tool or an oven mitt to avoid burning yourself with the heat gun.

Step 8



- Move the thicker heat shrink tubing over the smaller heat shrink tubing.
- Use a heat gun to shrink the tubing in place.

Step 9



- Showing the clogged port.

Step 10



- Heat the tip of a thin screwdriver with an average lighter.
- ⚠ Use a tool or an oven mitt to hold the screwdriver to avoid any burns.

Step 11



- Hold the screwdriver tip inside the clogged port for 3 - 5 minutes.
- Using a wrench to hold the screw driver, use a hammer to keep weight on the screwdriver.
- ⓘ This allows the screwdriver to melt through any plastic from the RCA male plug and reach the metal tip inside the port.
- Remove the pin when it has bonded to the screwdriver.