



# Craig CD681 Speakers Replacement

This guide will show you how to replace the speakers.

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## INTRODUCTION

We all love to [rock out](#) with our vinyl out. Regardless of our age, though, sometimes the music *is* too loud and we blow our speakers.

Make sure you unplug your radio before starting!

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### TOOLS:

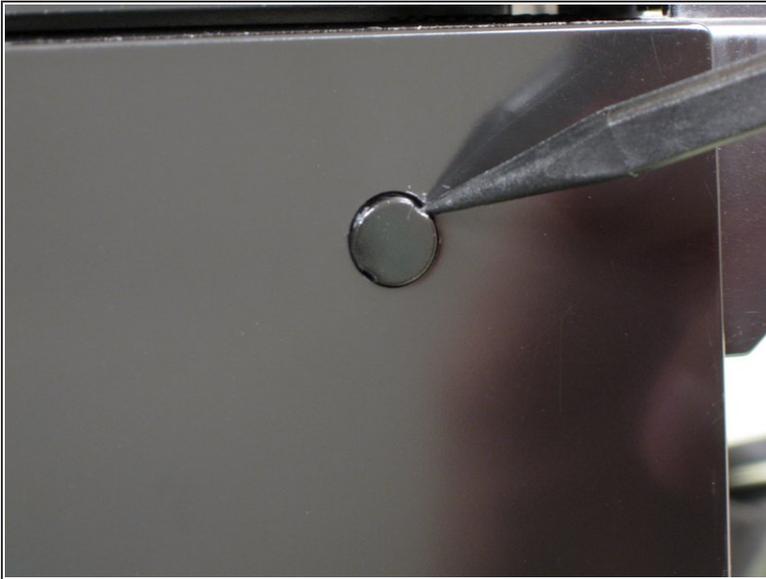
- [Phillips #1 Screwdriver](#) (1)
  - [Spudger](#) (1)
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## Step 1 — Bottom



- Turn the radio upside down, being careful to hold the turntable's lid.
- Remove the three 6 mm screws on the bottom near the front of the radio.

## Step 2 — Turntable



- Turn the radio right side up.
- ☒ Remember to hold the turntable's lid while flipping the radio.
- Using a spudger, remove the plastic screw covers on both side.
- Remove the two 8 mm screws on each side of the radio.

### Step 3

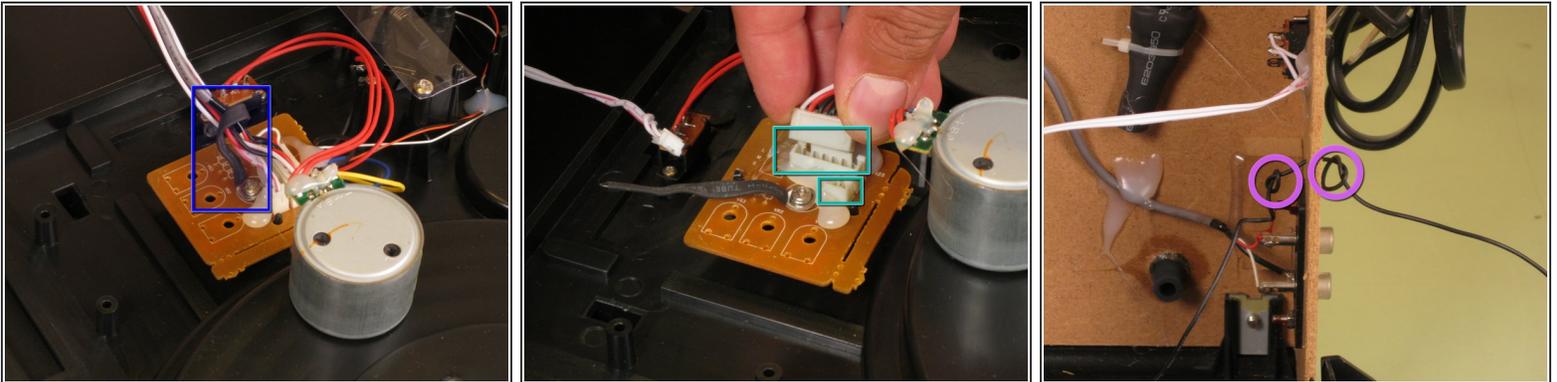


- Gently pull up on the back of the turntable while pulling back.

 Do not lift up too high. There are cables inside attached to the turntable.

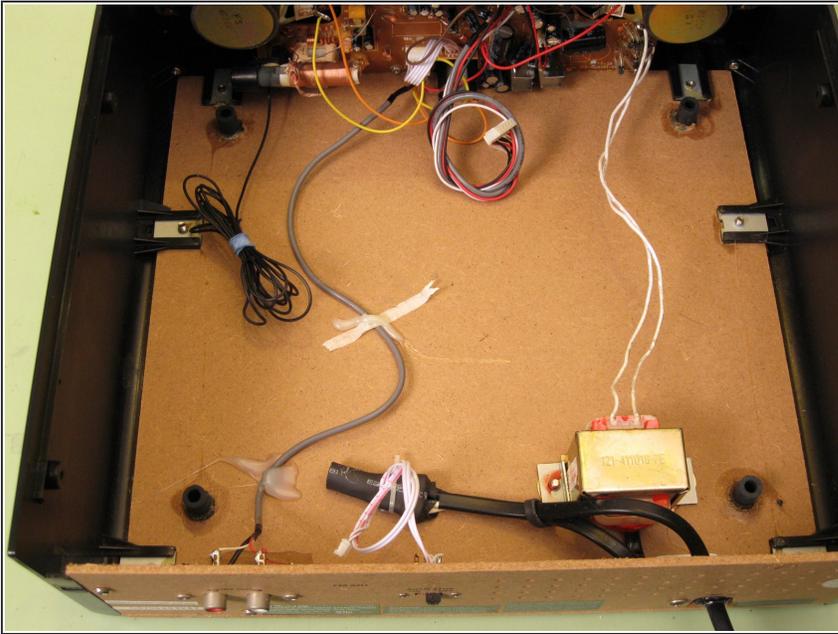
- Place the entire radio on its right side and lower the turntable. The orange box indicates which side is the right side.

### Step 4



- Unwind the black strap wrapped around the cables connected to the turntable.
- Remove the two plastic connectors attached to the circuit board on the turntable.
-  The plastic connectors are called Molex connectors.
- Untie the two knots keeping the antenna cable in place and pull the cable into the radio's body.

## Step 5 — Housekeeping



- Now's a good time to coil the cables you've disconnected. This will help keep them out of the way when working on the rest of the radio.

## Step 6 — Volume & Tuning Knobs



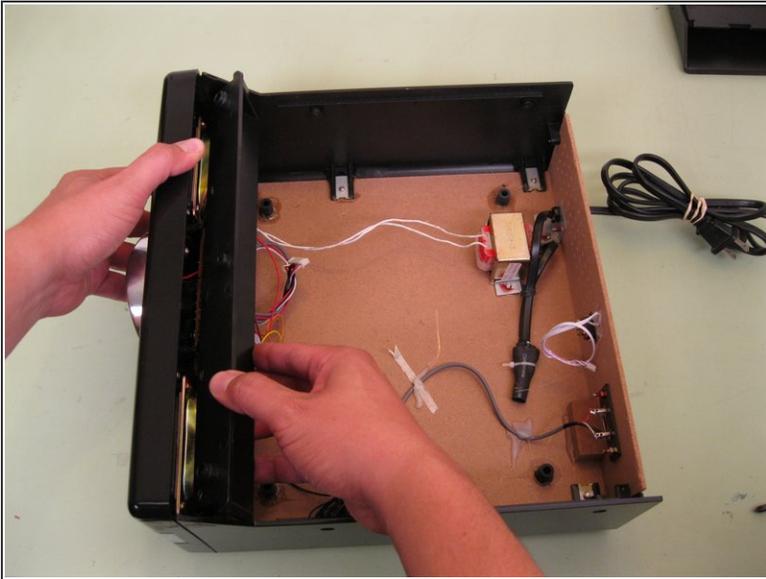
- With the power of [Greyskull](#), firmly grab the knobs with your thumb and forefinger and pull them out.

## Step 7 — Cross Member



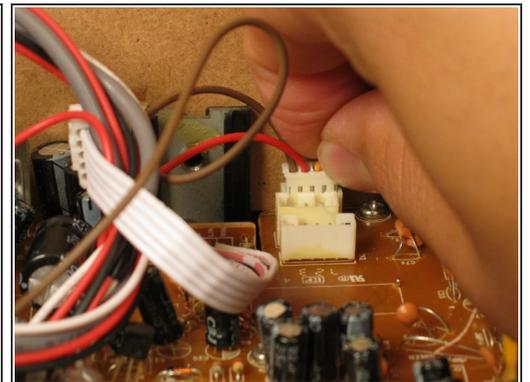
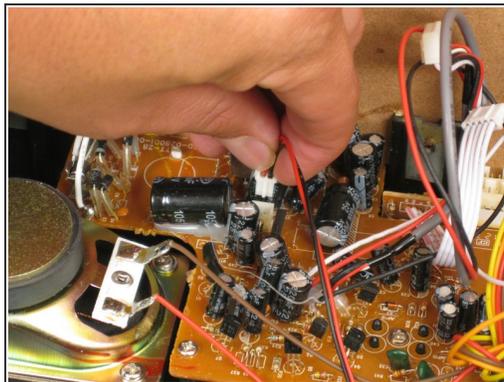
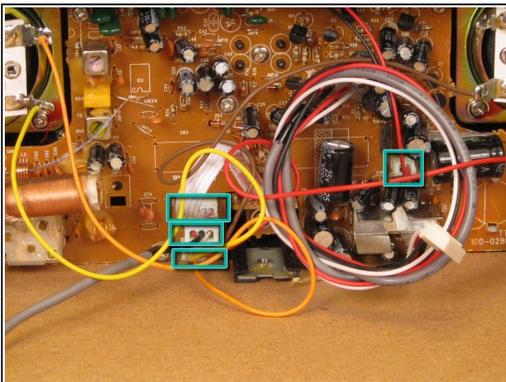
- Place the radio with the front facing down and the top of the radio facing you.
  - Remove the seven 6 mm screws holding the cross member in place.
- ⚠ The screw called out in yellow is slightly different than the other screws. The length is the same but it has a tighter thread pitch. Make sure it goes back in the same place.

## Step 8



- Place the radio right side up and face it to your left.
- With a firm grip, pull the top of the radio's face away from the body. Using your other hand, rotate the cross member clockwise 90 degrees.
- Once the cross member is free, you can lift it out of place.

## Step 9 — Circuit Board



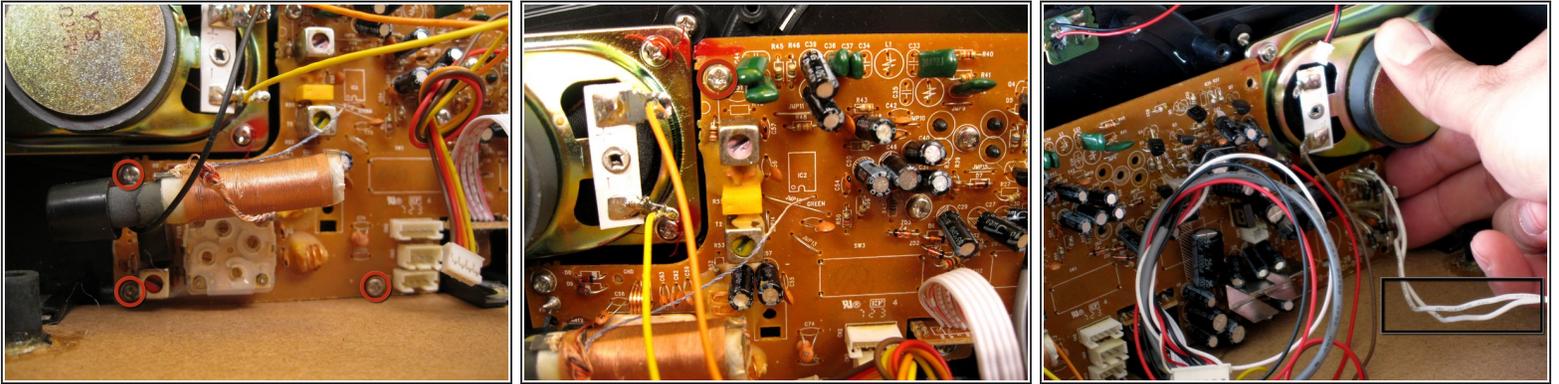
- Remove the four Molex connectors for the speakers, headphone jack, line out and light.

## Step 10



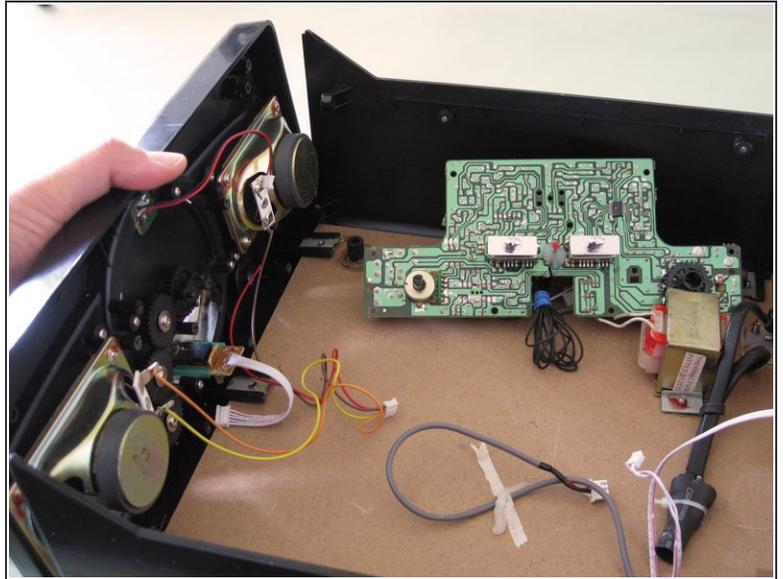
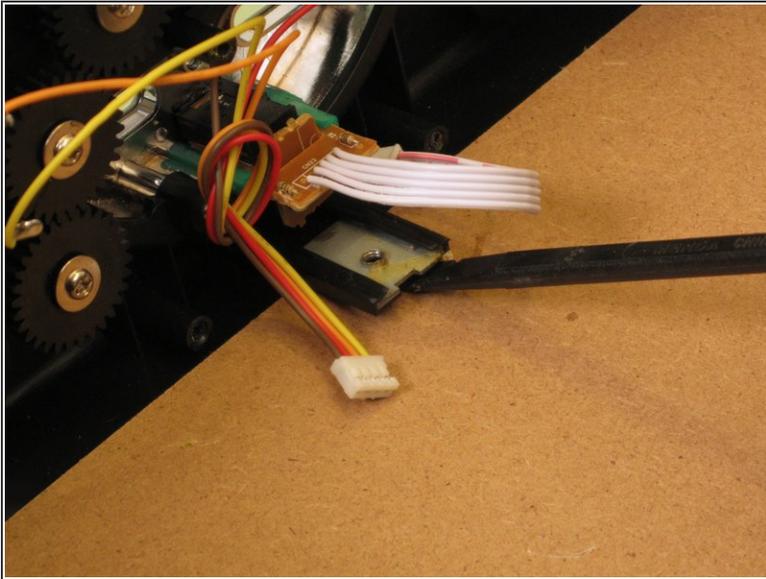
- i** It is difficult to see all of the circuit board's screws from one angle. This series of photos starts at the top center and moves clockwise around the circuit board.
- i** Screws are only called out when they make their first unobstructed appearance.
- i** The screw in the black square is not part of the main circuit board and should not be removed.
- Remove the ten 4 mm screws holding the circuit board in place.

## Step 11



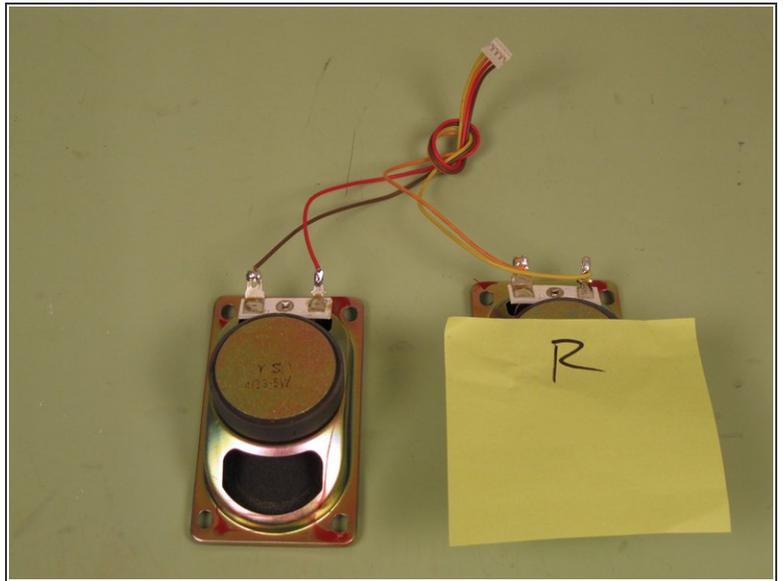
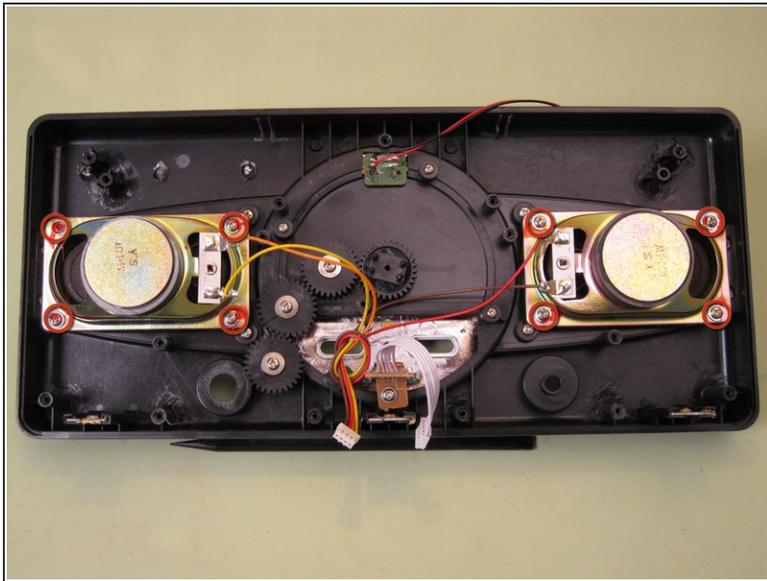
- Continue removing the circuit board's screws.
  - On both sides place two fingers between the circuit board and the face of the radio.
  - Gently pull the circuit board straight back being careful not to break the volume and tuning knob posts on the opposite side of the board.
- ⚠ The two white cables are soldered to the circuit board and the power transformer at the back of the radio. Once removed, the circuit board has to be set aside **inside** the radio.

## Step 12 — Front Face



- With the flat end of a spudger, scrape away the glue between the mounting tabs and the bottom of the radio.
- Gently pull the face of the radio away.

## Step 13 — Speakers



- Well you've finally made it to your destination. Remove the eight 6 mm screws holding the speakers in place.
- ⓘ The speakers are not glued in, but you might have to use a little extra force to remove them.
- It's also a good idea to label your speakers so you put them back in the correct side.

To reassemble your device, follow these instructions in reverse order.