



# Kensington Hi-Fi Headphones 33137 Speaker Cable Replacement

Some guides require cutting the wires connecting the speakers to the speaker cable. This guide will show how to reattach the speaker cable wires to the speakers when reassembling the Kensington Hi-Fi Headphones 33137.

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## INTRODUCTION

This guide will show how to reattach the speaker cable to the Kensington Hi-Fi Headphones 33137 after the wires connecting the speaker cable to the speakers have been cut.



### TOOLS:

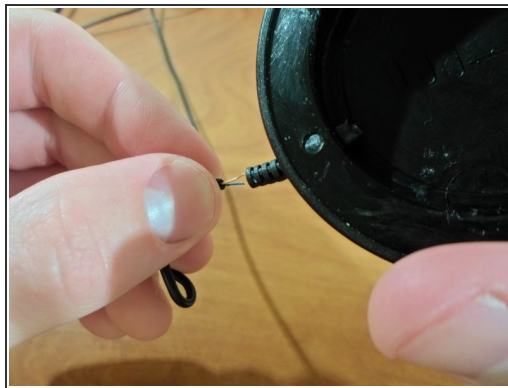
- [Soldering Iron](#) (1)
  - [Solder](#) (1)
  - [Large Needle Nose Pliers](#) (1)
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## Step 1 — Speaker Cable Replacement



- Start with no other headphone components attached to the speaker cable.
- ① The end of the speaker cable with the blue wire will be attached to the left speaker, and the end of the speaker cable with the red wire will be attached to the right speaker.

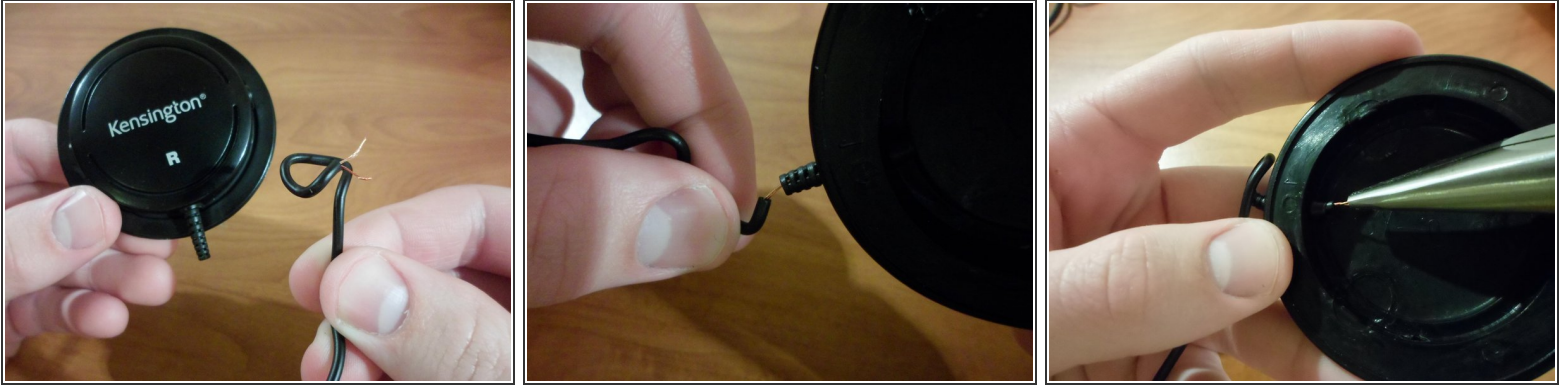
## Step 2



- The speaker covers must be put back on the speaker cable.
- Put the speaker cable end with the blue wire through the hole in the speaker cover marked with an "L".
- If having difficulty, very gently pull the cable through using needle nose pliers.

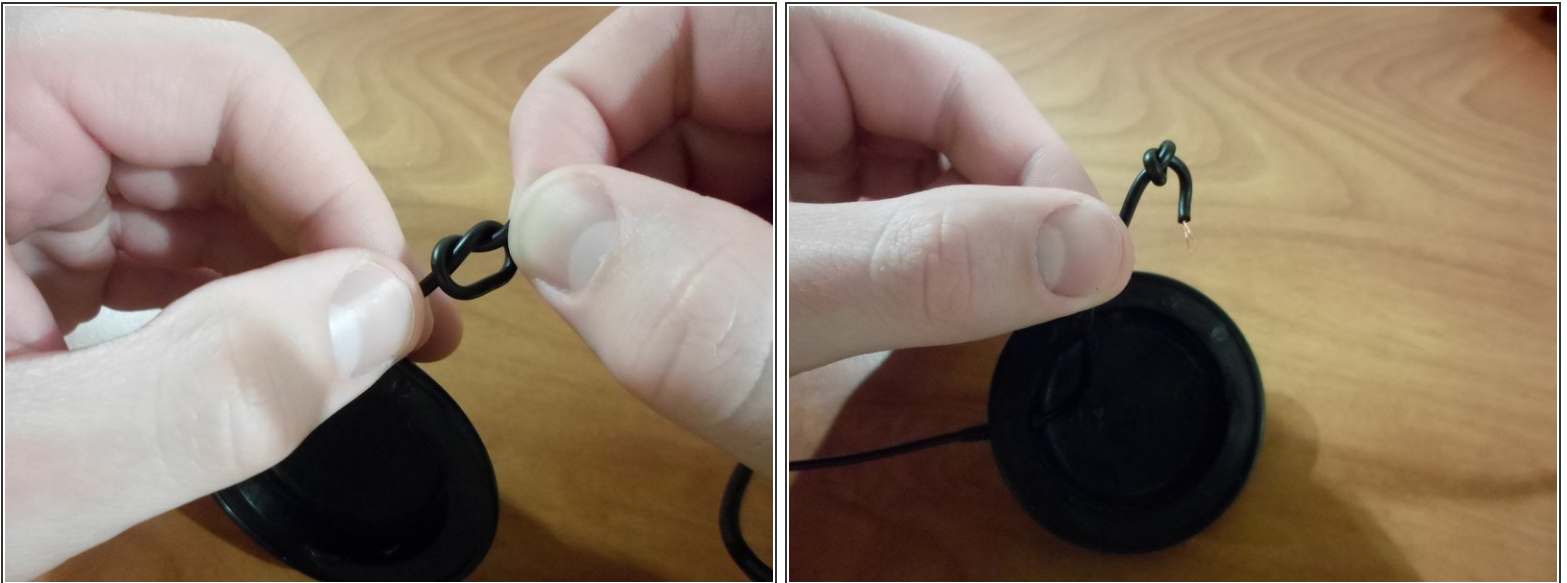


### Step 3



- Put the speaker cable end with the red wire through the hole in the speaker cover marked with an "R".
- If having difficulty, very gently pull the cable through using needle nose pliers.

### Step 4



- Once the speaker cable is through each of the speaker cover holes, tie a small knot towards the end of the cable.
- ⓘ Don't tie the knots too far away from the ends of the cable. About an inch (25 mm) will be enough.

## Step 5



- Before soldering the wires back onto the speakers, first the soldering iron must be prepared by cleaning the tip of the soldering iron with a damp sponge or rag.
- Refer to the iFixit guide [How to Solder and Desolder Connections](#) for additional help with soldering.
- ⚠ The tip of the soldering iron will get extremely hot. Make sure to use keep a clear work space and use soldering iron with caution to avoid injury.
- After soldering iron is hot, touch the tip of the soldering iron to the end of the soldering wire. This will "tin" the tip of the soldering iron and will help to create a better solder.
- ⚠ Make sure to extend the soldering wire far enough to keep a safe distance from the soldering iron.
- Place the soldering iron back on its stand until it is needed.

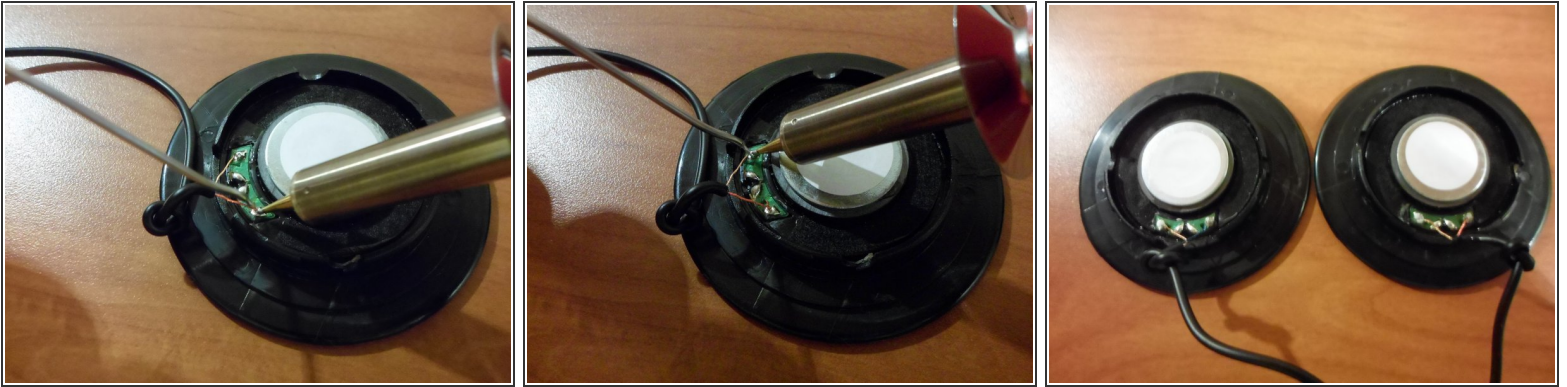
## Step 6



- After the soldering iron is prepared, place the wires in the correct positions on the speakers.
- Both the blue and red wires go on the right-side terminal on their corresponding speaker.



## Step 7



- With the wires placed in the correct position, the speaker and speaker cable wires are ready to be soldered.
- Starting with one terminal, place the "tinned" soldering iron on both the terminal and the wire for 1-2 seconds. Then immediately place the soldering wire down on the terminal and speaker cable wire.
- ⚠ When placing the soldering wire on the terminal and speaker cable wire, make sure not to touch the soldering wire to the soldering iron tip.
- Repeat this process for each terminal on each speaker.

To reassemble your device, follow the Speaker Removal Guide instructions in reverse order.