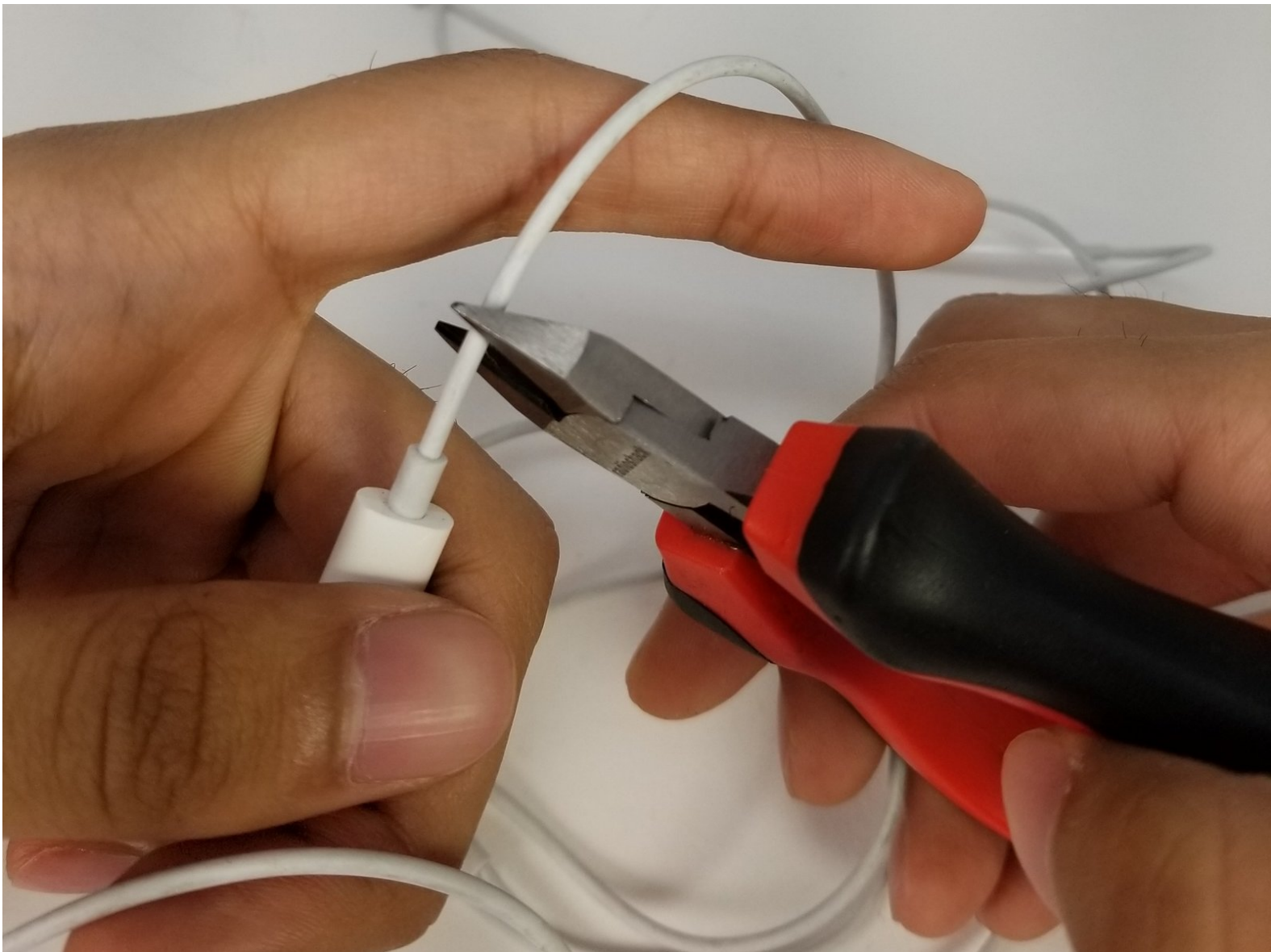




Apple EarPods Jack Plug Replacement

With this guide, one will be able to replace their Apple EarPods jack plug.

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INTRODUCTION

This guide shows how to replace the Apple EarPods headphone jack plug. This guide will require the user to have ample soldering skills. As with any projects involving soldering, please be wary of the fumes and heat that may be produced while completing this project. Apple EarPods are very good quality headphones, but they are quite expensive and can be fixed with relative ease. This guide will help users save money and prevent the waste associated with the disposal of these headphones. Please move forward through this guide to learn how to repair your Apple EarPods.



TOOLS:

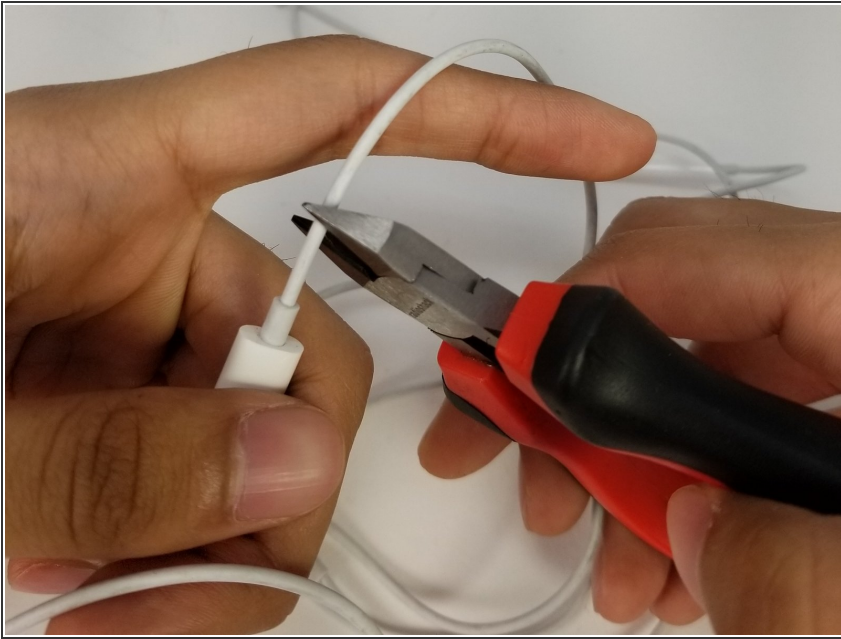
- [Soldering Iron](#) (1)
- [Flush Wire Cutters](#) (1)
- [Solder](#) (1)
- [Precision Utility Knife](#) (1)
- [Lighter](#) (1)
- [Wire Stripper](#) (1)



PARTS:

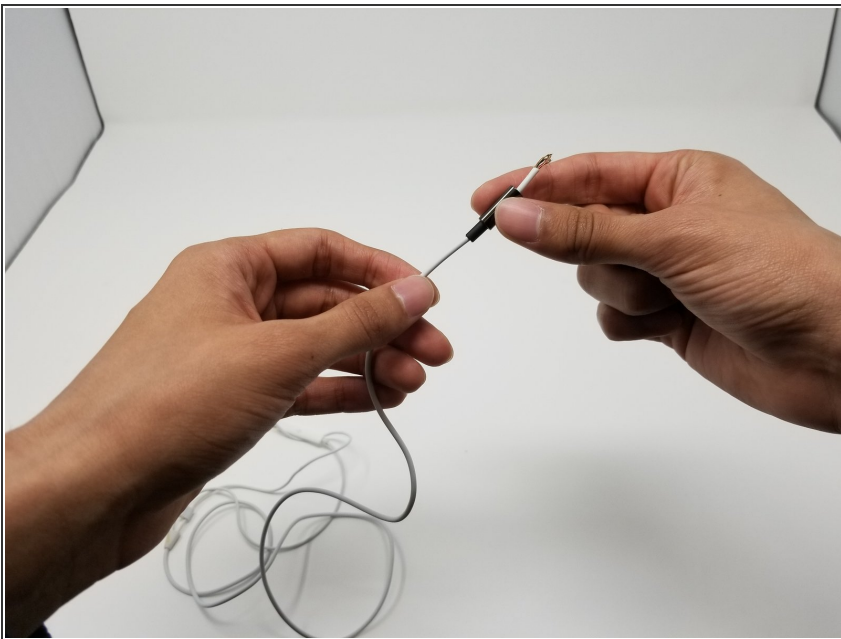
- [4 pole 3.5mm Headphone Jack Plug](#) (1)

Step 1 — Jack Plug



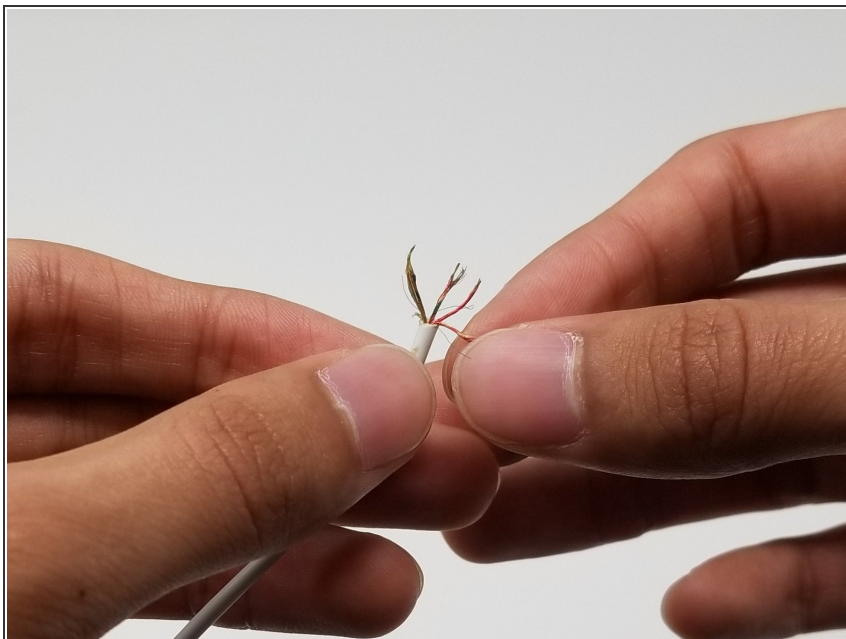
- Cut the wire at a length comfortable for the headphone user (preferable close to the old jack plug).
- Using a wire stripper, remove about 1-2 cm of insulation from the end of the wire.

Step 2



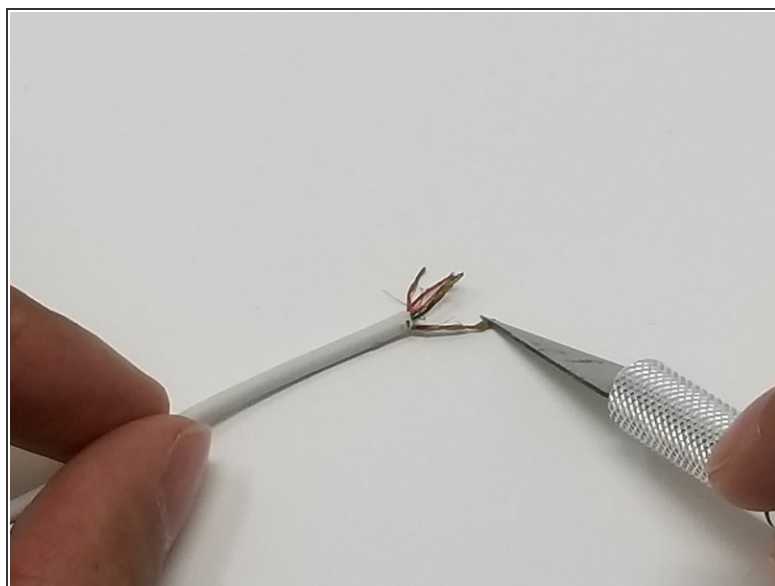
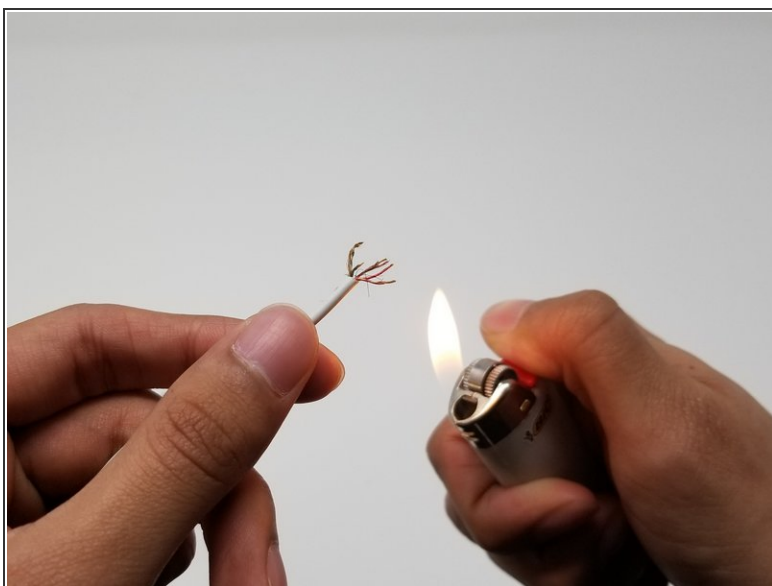
- Insert the wire through the plug cover.

Step 3




- Separate each wire from each other.
- Make sure to have 6 different wires: Red, Green, Gold, Red-Green, Gold-Green, Red-Gold

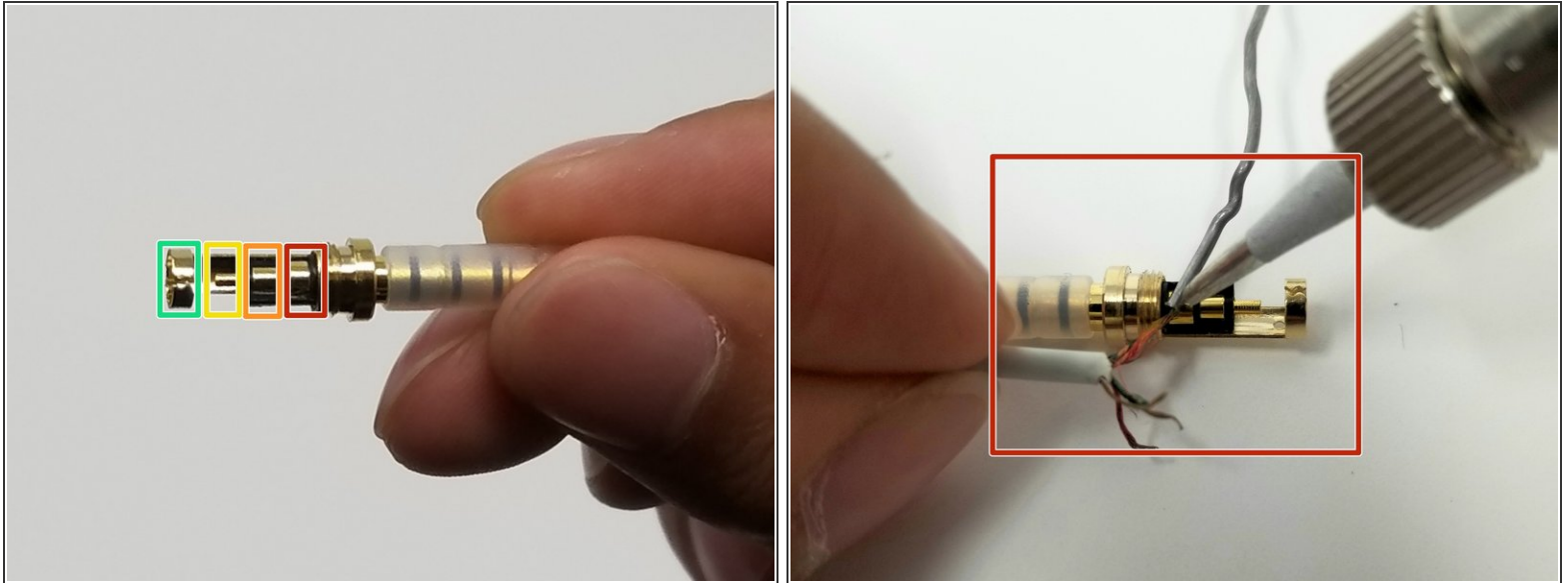
Step 4



- Burn off the insulating wax from the signal carrying wires with a lighter and/or use a knife to rub it off.

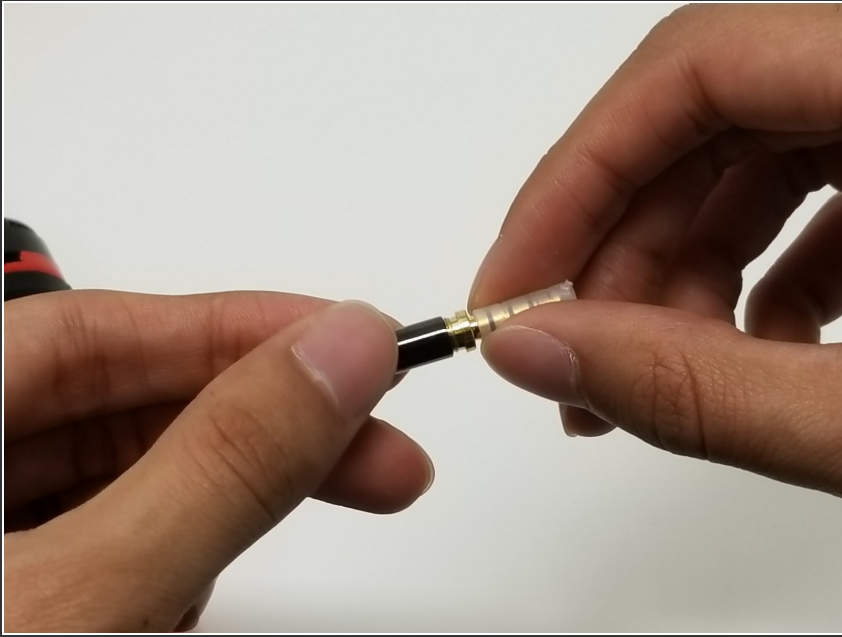
 Use caution if burning off insulating wax with flame so as not to burn yourself.

Step 5



- Solder the wires to poles on the jack as outlined in the steps below. Poles are shown in the first picture segmented by the color boxes. For proper soldering technique please use: [iFixit Soldering Guide](#)
- The first pole (Marked with the red box) is grounded. Solder on the green-gold, red-gold, and red-green wires. The third picture refers to this step.
- The second pole (Marked with the orange box) is for the right earbud. Solder on the red wire.
- The third pole (Marked with the yellow box) is for the left earbud. Solder on the green wire.
- Finally, the fourth pole (Marked with the green box) that is not connected to the rest is for the mic. Solder on the gold wire.

Step 6



- When the solder hardens, screw on the jack cover.