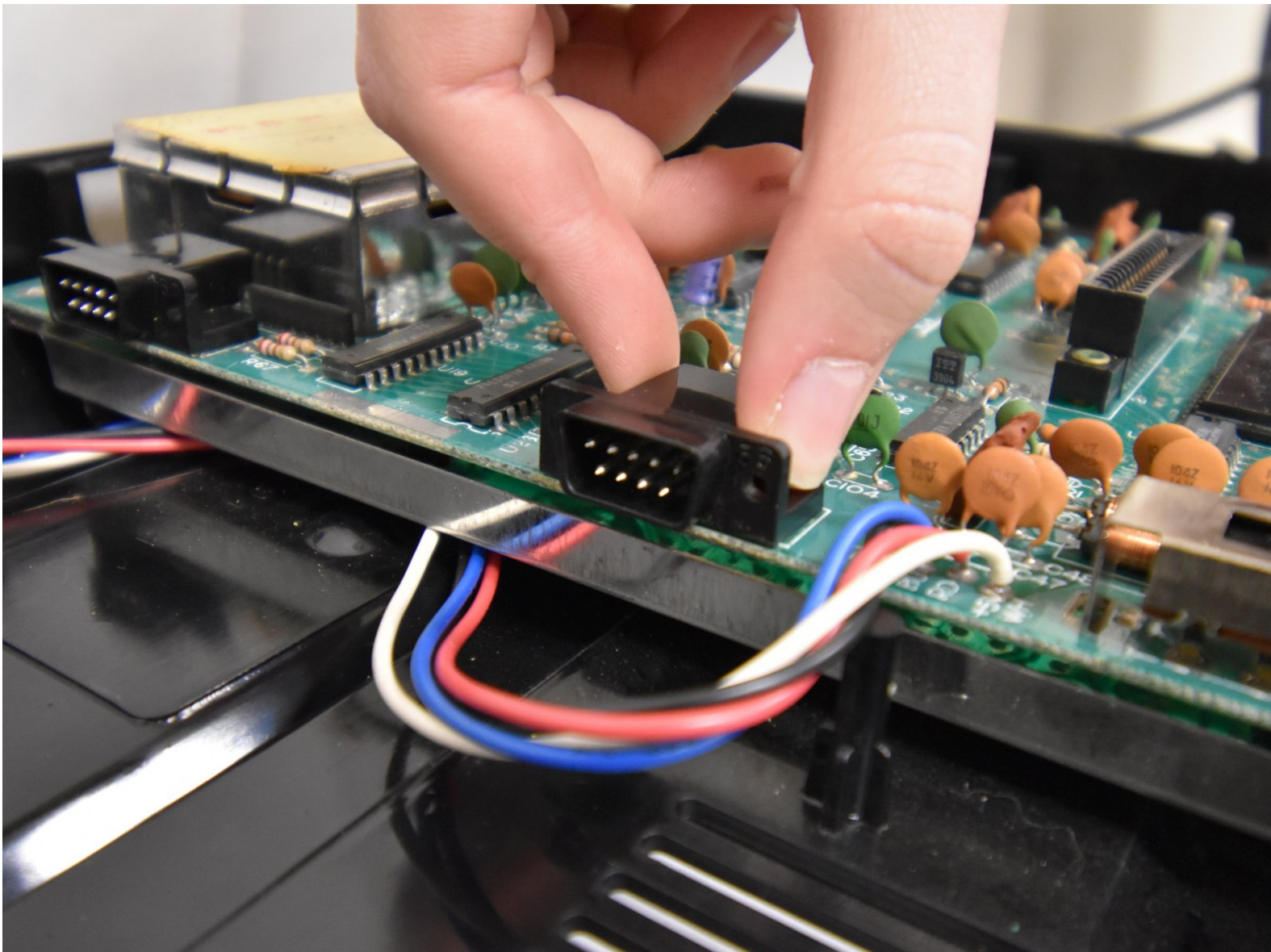# ColecoVision Controller Port Replacement

This guide will teach you how to remove and replace the controller port on the ColecoVision.

Written By: Bobby

INTRODUCTION

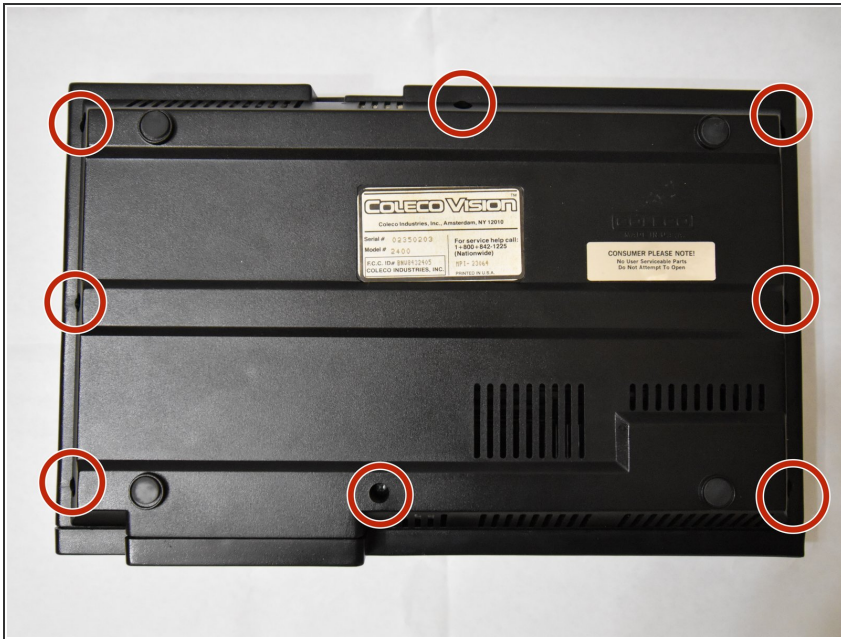The purpose of this guide is to communicate steps on how to replace or repair the controller ports on a ColecoVision.

🔧 TOOLS:

- Metal Spudger (1)
- Soldering Iron (1)
- Phillips #1 Screwdriver (1)

Step 1 — Controller Port

- Flip the ColecoVision over with the pegs facing the ceiling.

- Remove the eight 15mm screws holding the bottom of the ColecoVision in place using the Phillips #1 screwdriver.
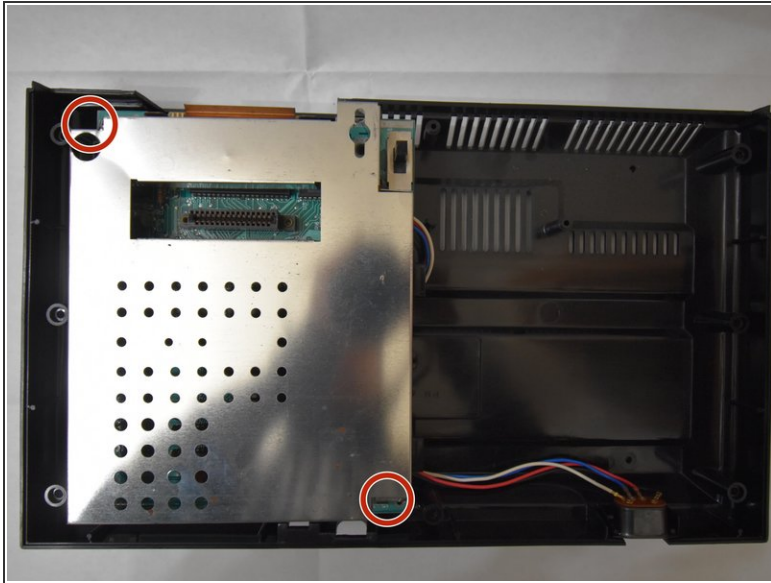
Step 2

- Carefully remove the bottom of the ColecoVision out of the top.

- I would recommend running a metal spudger along the rim of the case to remove the bottom.
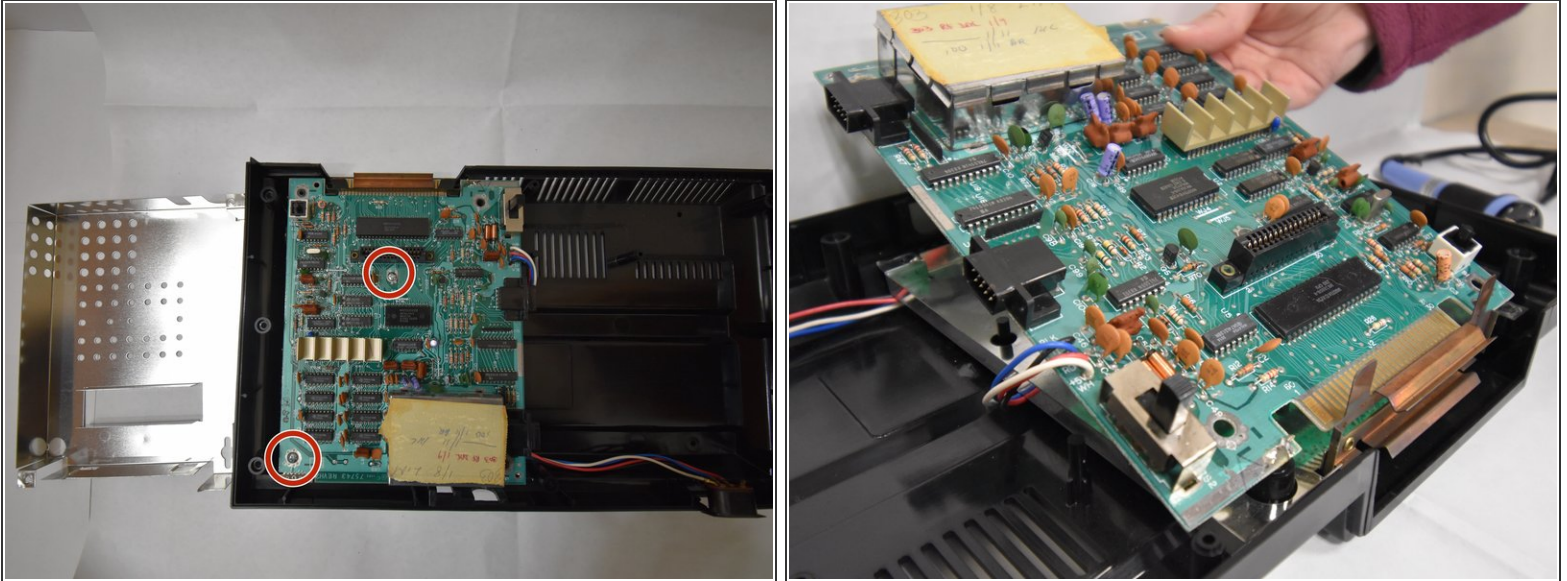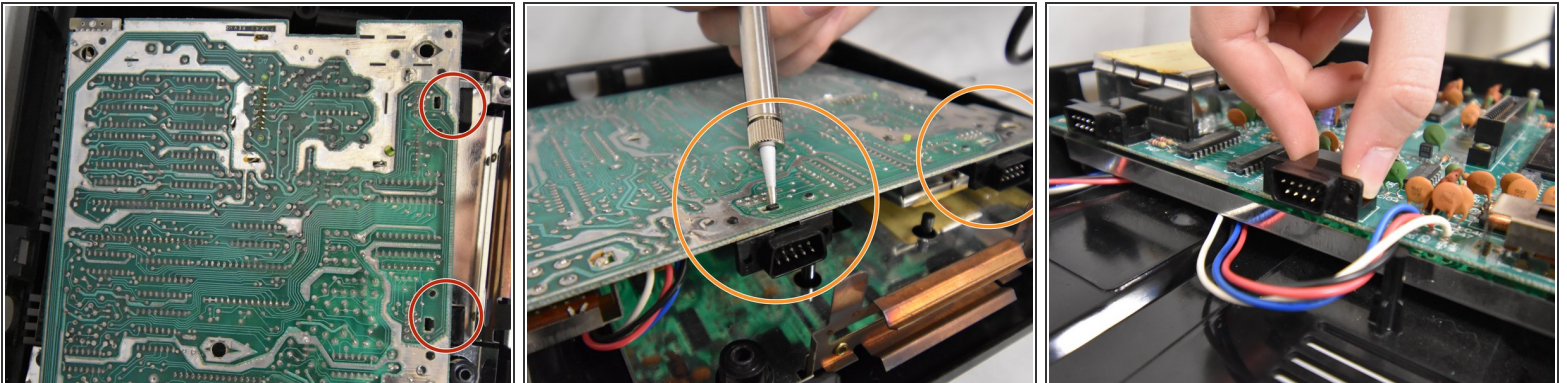
Step 3

- Remove the two 15mm screws holding the casing in place using the Phillips #1 screwdriver.

- Remove the casing and put it to the side.

Step 4

- Remove the two 15mm screws on the motherboard with a Phillips #1 screwdriver.

- Pull the entire motherboard towards the back of the system and carefully lift the entire motherboard.

Step 5

- Flip the motherboard over and locate the two controller ports.

- Using a soldering iron, desolder the controller ports.
  - (i) Refer to this soldering technique guide for reference .

- After waiting for controller ports to cool down, flip motherboard back over and carefully lift controller ports to remove.

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