



ColecoVision Cartridge Reader Replacement

The replacement of the cartridge reader to be able to play games.

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INTRODUCTION

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

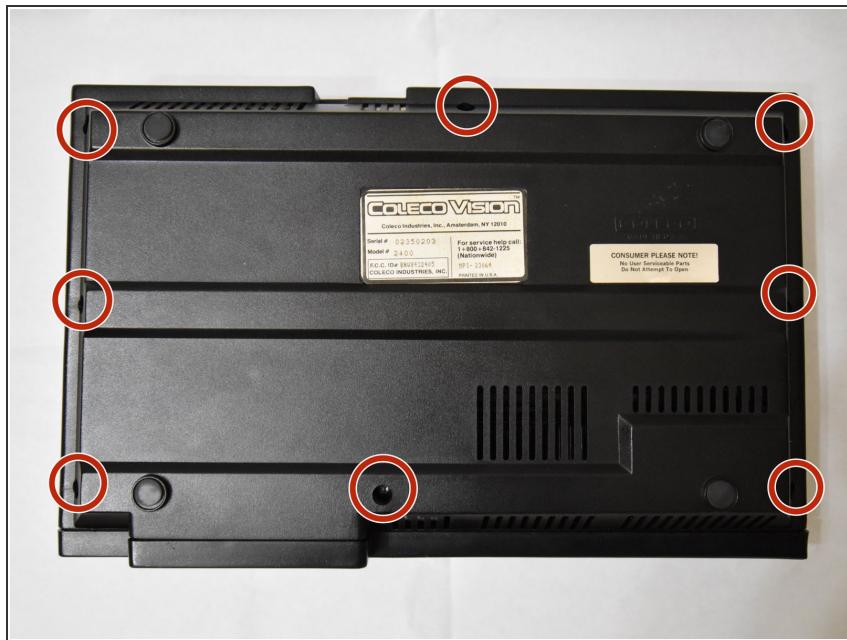
TOOLS:

- Phillips #1 Screwdriver (1)
- Metal Spudger (1)
- Spudger (1)
- Portable Soldering Iron (1)
- Desoldering Pump (1)

PARTS:

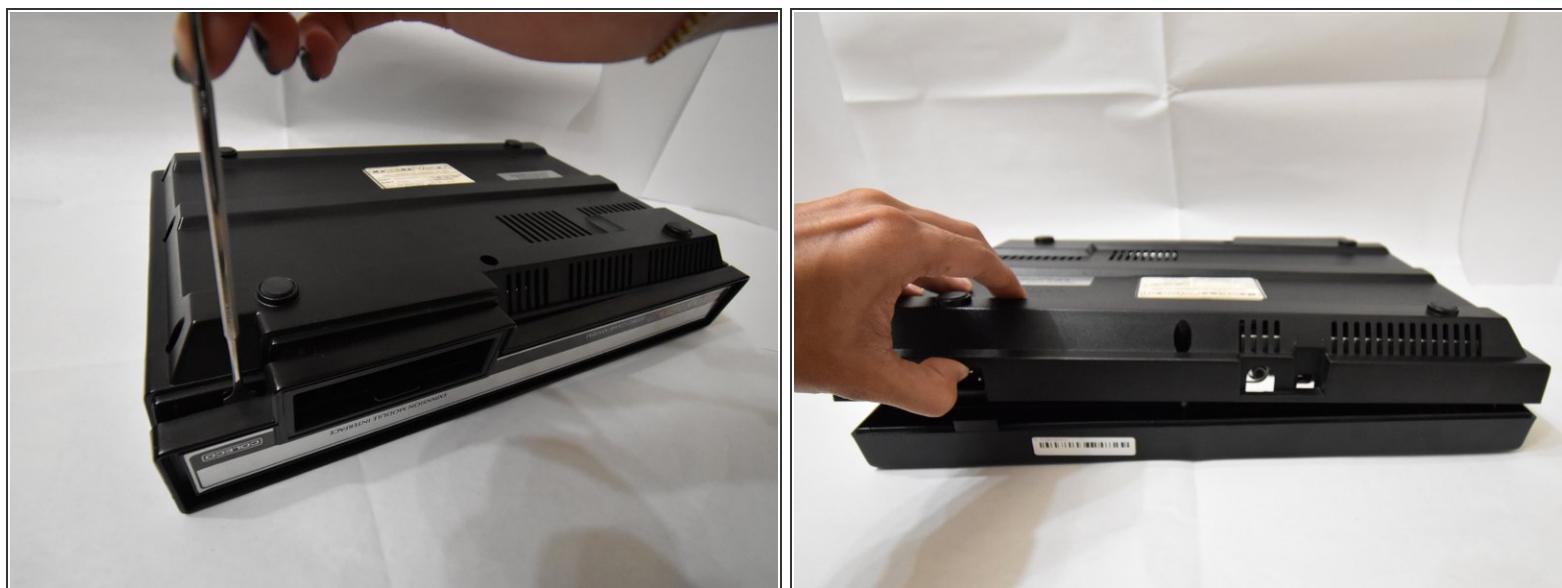
- 15 Pin Card Edge Connector (Cartridge Reader) (1)

Step 1 — Cartridge Reader



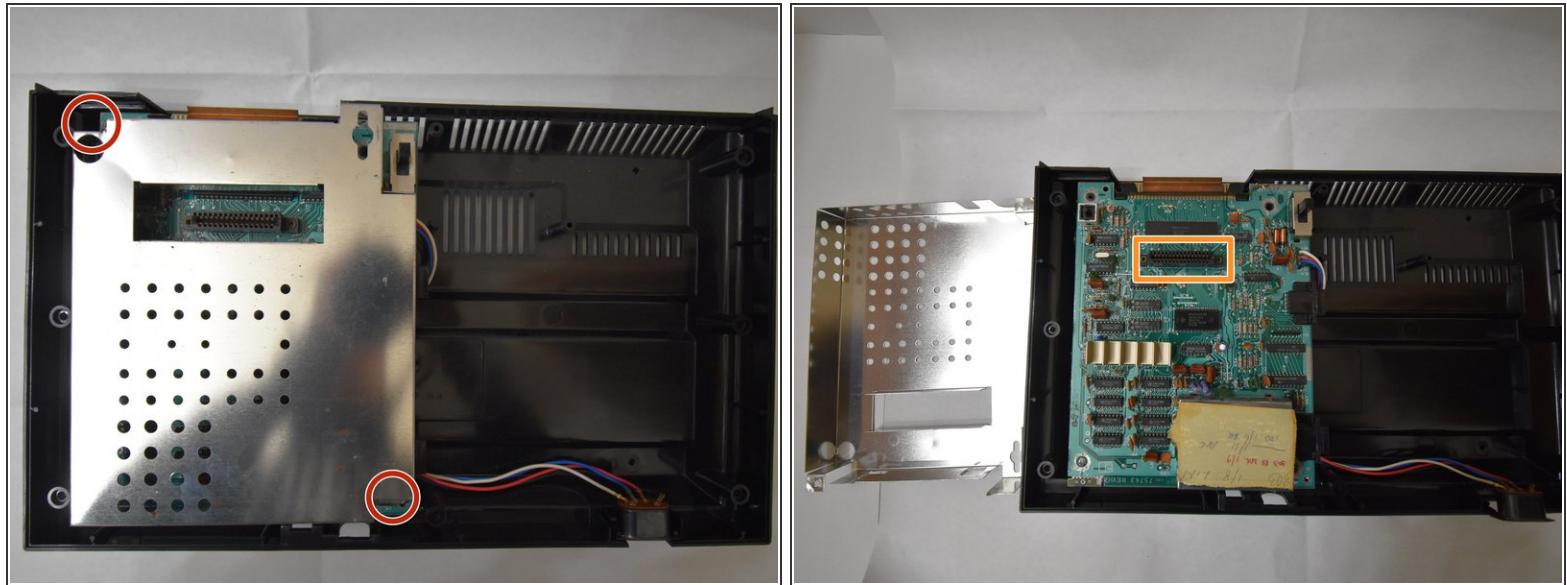
- Flip the console upside down and remove the eight 15mm Phillips #1 screws.

Step 2



- Use the metal spudger along the bottom rim of the front panel to safely remove the top of the console. Set aside the top.

Step 3



- Remove the two 15mm Phillips #1 screws holding the casing in place.
- Remove the casing to reveal the cartridge reader.

Step 4



- Desolder the sides of the cartridge reader using the soldering iron and desolder pump.
 - [Refer to this soldering technique guide for reference](#)
- Patiently wait for the cartridge reader to cool down after being desoldered.

⚠ It's very important to remove all the tin from the motherboard and cartridge reader before lifting it from the motherboard. Failure to do so could damage the motherboard.

- Carefully lift up the cartridge reader. A plastic spudger might be helpful in order to easily remove the cartridge reader.

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